# EARTH RESOURCES TECHNOLOGY SATELLITE FINAL REPORT

## 15 APPENDIX. FUNCTIONAL ANALYSIS

PREPARED FOR

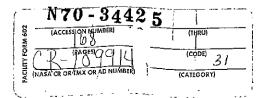
# GODDARD SPACE FLIGHT CENTER NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

UNDER CONTRACT NAS5-11260













### EARTH RESOURCES TECHNOLOGY SATELLITE

FINAL REPORT

Volume 15 Appendix. Functional Analysis

April 17, 1970

prepared for

National Aeronautics and Space Administration Goddard Space Flight Center

> Contract NAS5-11260 item 5a

TRW Systems Group One Space Park • Redondo Beach Los Angeles County California 90278

- Furnishing a continuous up-to-date record of the allocation of performance/design requirements to hardware, software, and personnel for system management planning and assessment.
- 4. Exposing performance requirements interfaces for which the functional design of hardware, software and personnel end items for integration into the GDHS is unresolved.
- 5. Providing a total system functional description as a basis for deriving system integration, installation and test requirements and operational procedures to verify and demonstrate GDHS operational readiness.

The results of the functional analysis for ERTS Operations Control and Data Processing are set forth in two volumes. Volume 1 contains the top functional flow for the Ground Data Handling System (GDHS) and subordinate flows for each function identified on the top functional flow diagram. Volume 2 contains requirements allocation sheets for each of the functions identified on the top functional flow diagram.

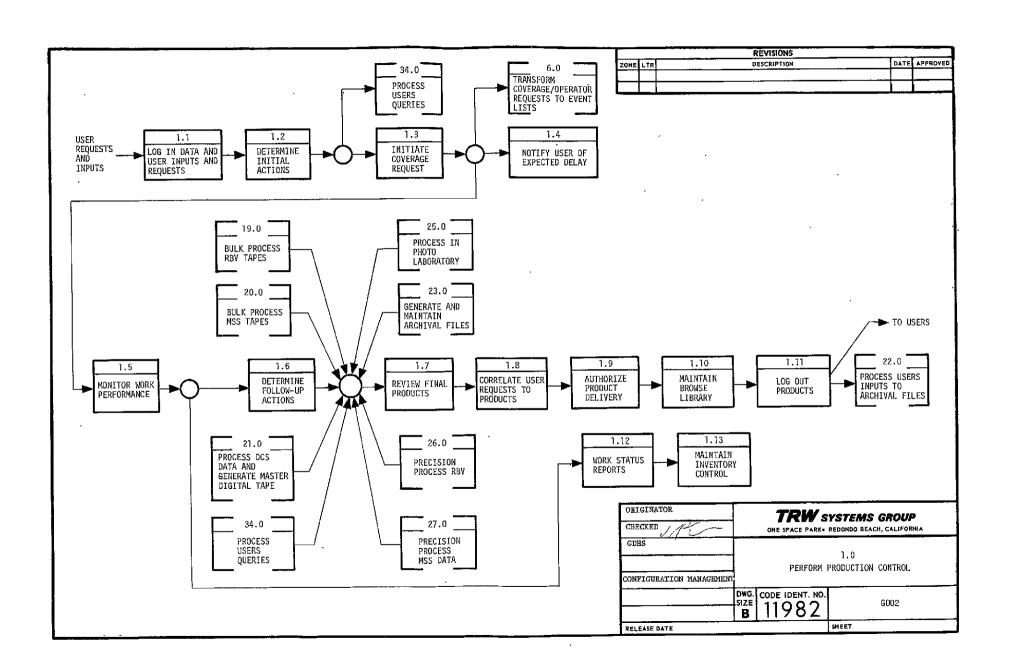
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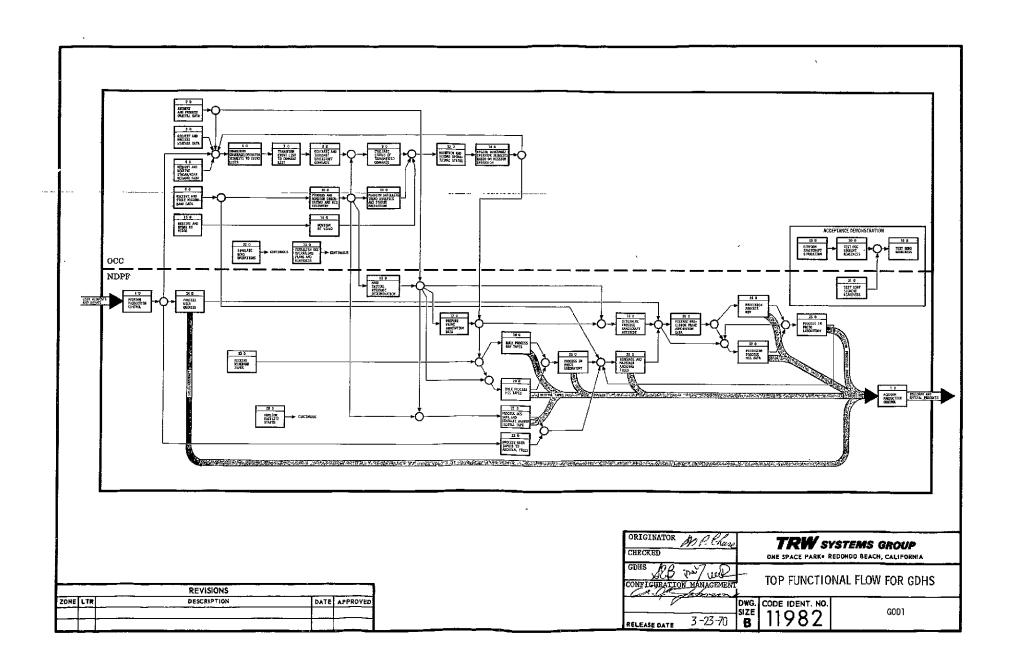
### FUNCTIONAL FLOW DIAGRAMS

#### PURPOSE

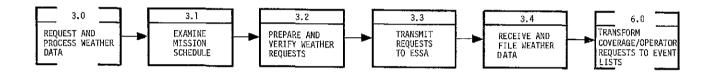
The functional analysis for ERTS Operations Control and Data Processing has two main purposes: (1) It furnishes the operational requirements baseline for use in deciding how the hardware, software and personnel elements of the Ground Data Handling System will be employed in the accomplishment of each functional requirement; and, (2) It provides a comprehensive description of the system performance requirements which furnishes a common language for communicating at all levels of customer and contractor management. Consequently, the ERTS Operations Control and Data Processing functional analysis is to be used in the following specific ways to:

- a) Support the GDHS system design process by:
  - Furnishing a common description of the OCC and NDPF operations requirements baseline
    for defining and assigning the performance requirements for hardware, software and
    personnel end item design in order to achieve their integration into an effective
    GDHS design and to prevent each subsystem or end item design group independently inventing their own functional requirements assumptions.
  - Providing a common record of judgmental factors employed in tradeoff considerations involved in deriving the ultimate system configuration.
- Support the GDHS project management during the system development and test by:
  - 1. Furnishing an easily understood functional description of the system.
  - Providing a necessary document for evaluating the total system impact of changes in system performance requirements and end item designs as development progresses.

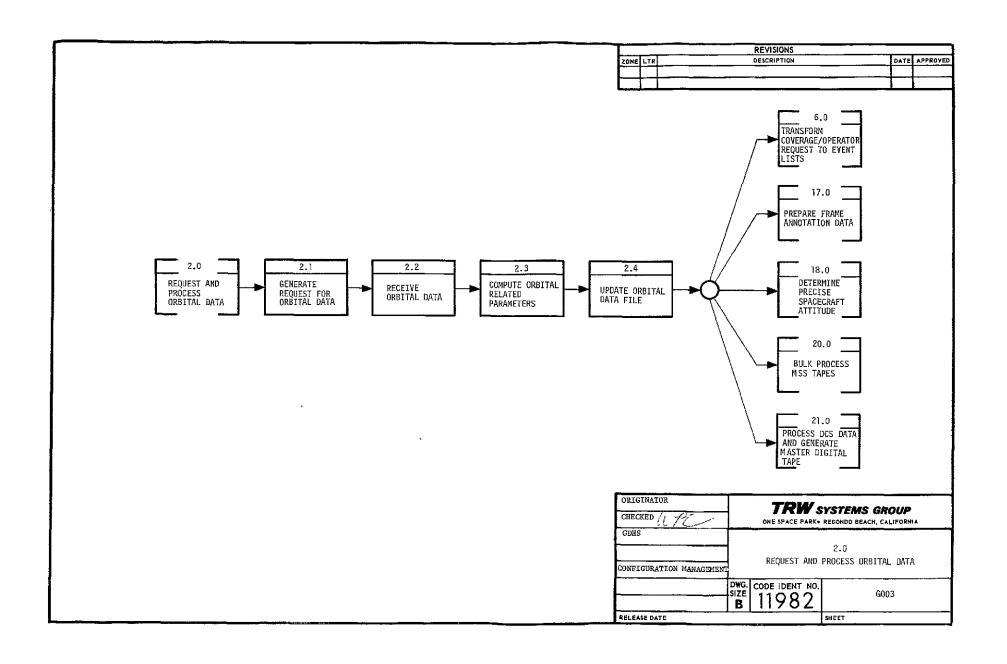


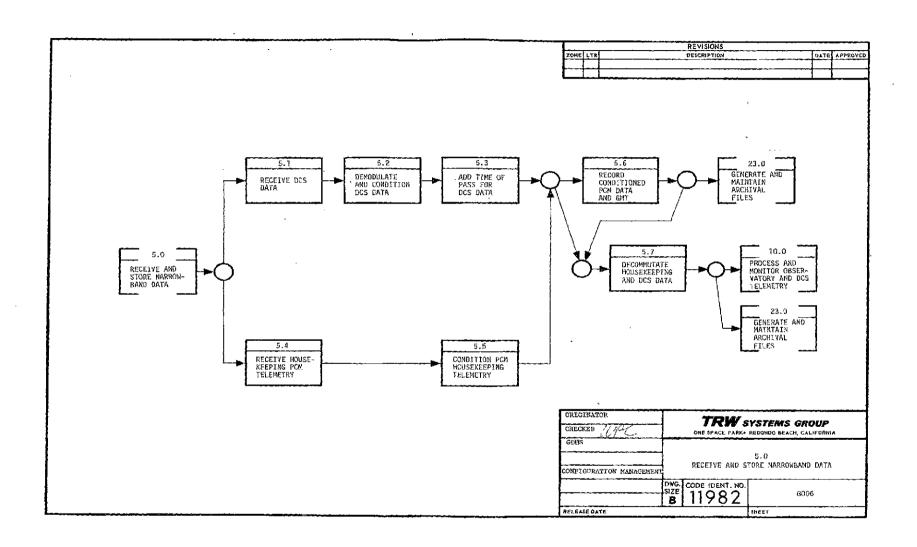


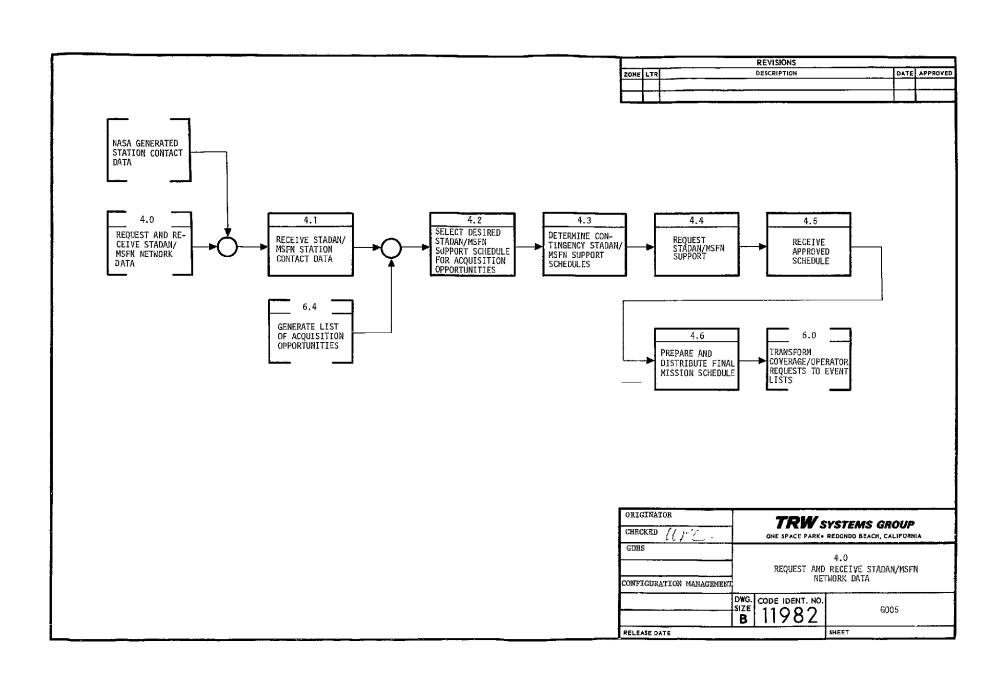
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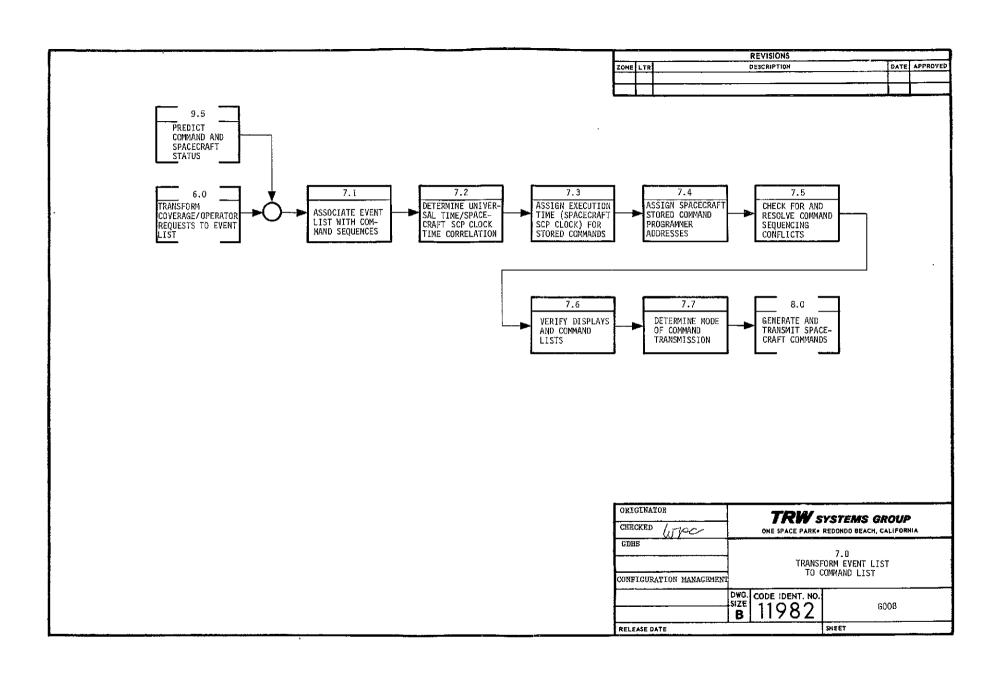


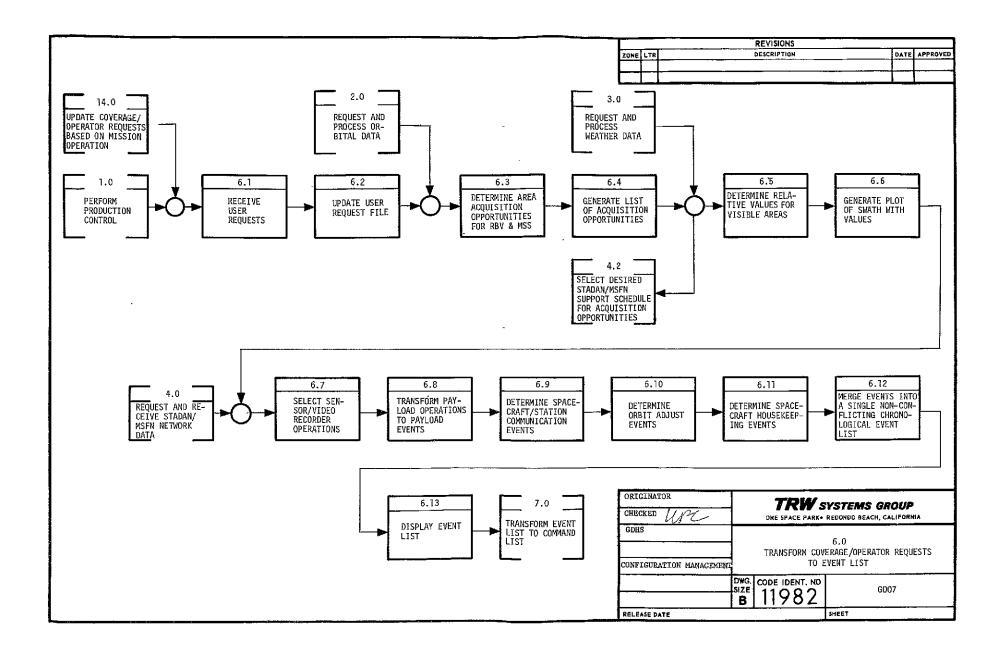
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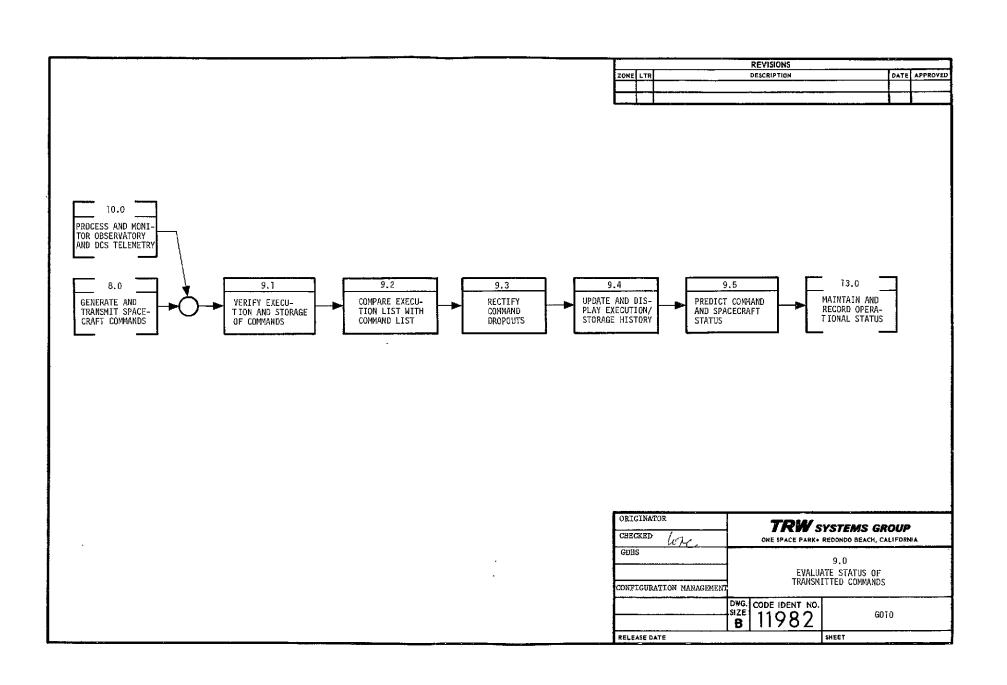


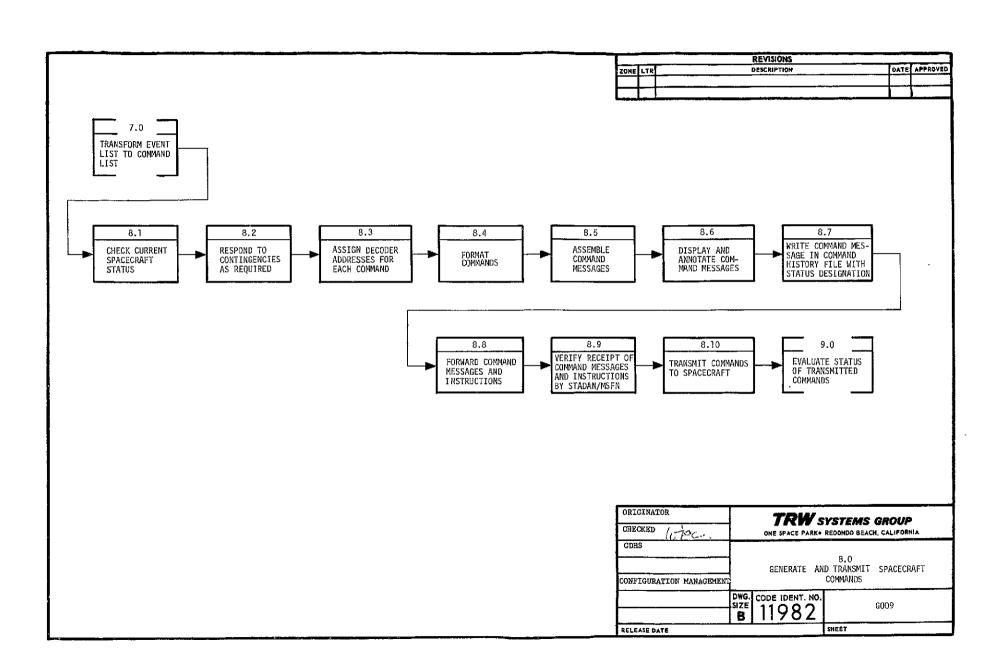


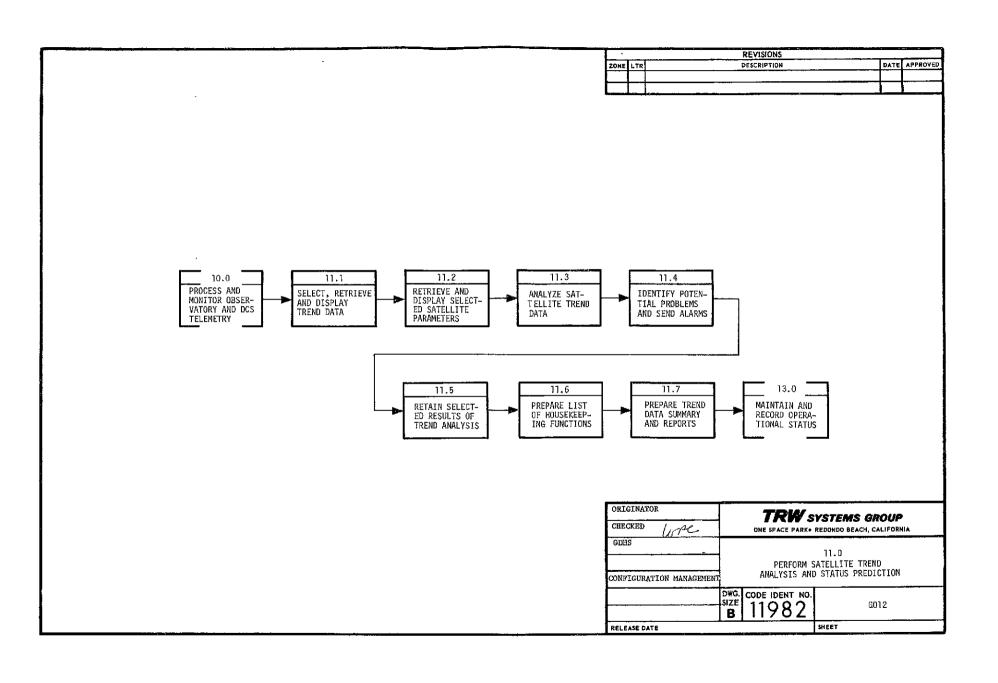


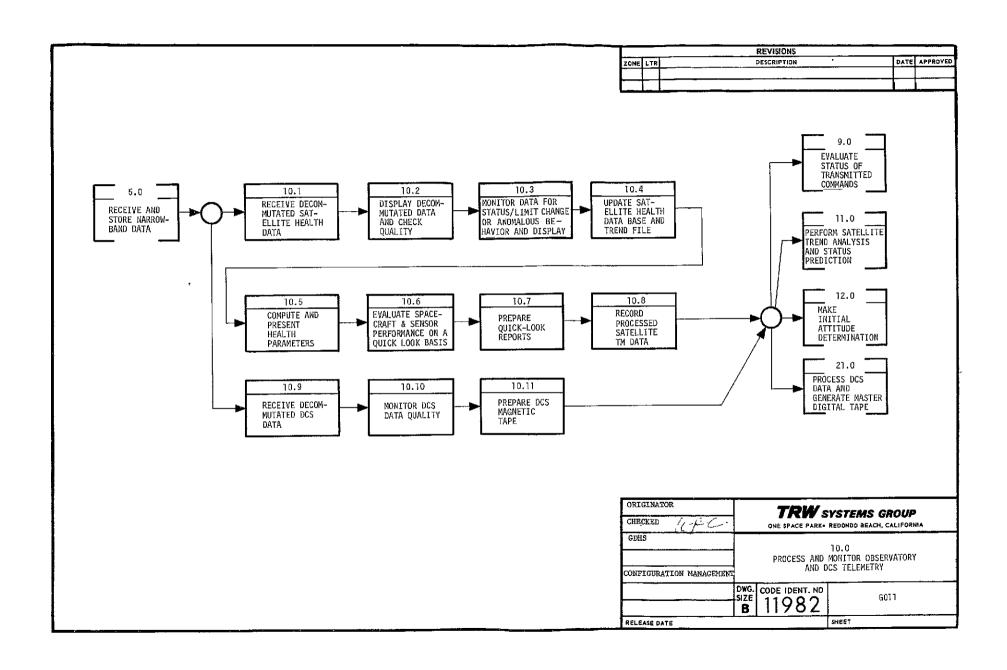


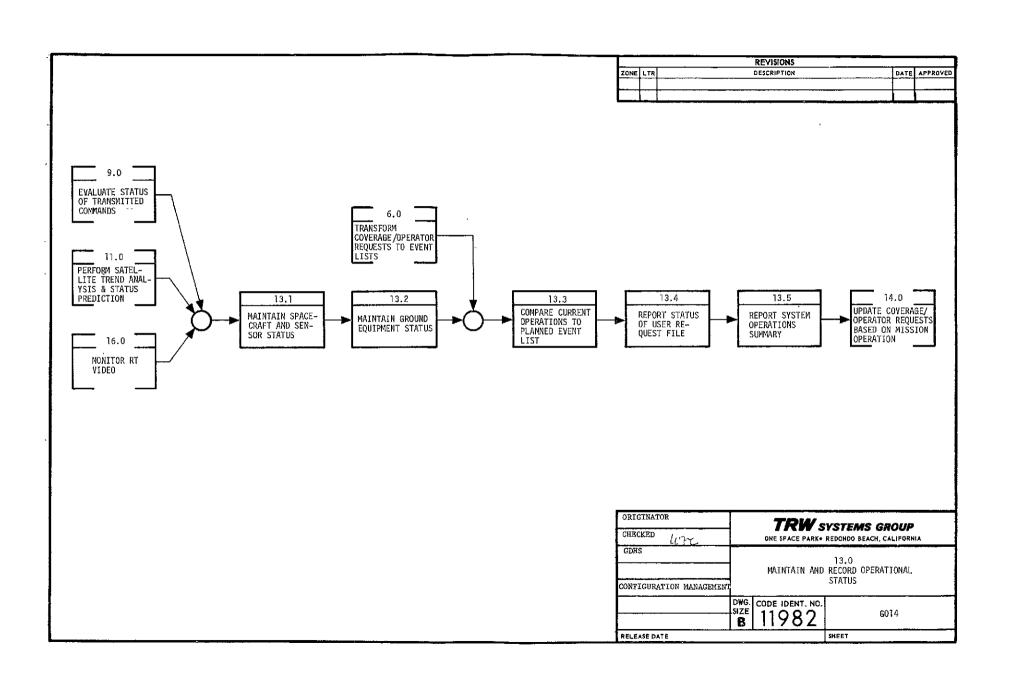


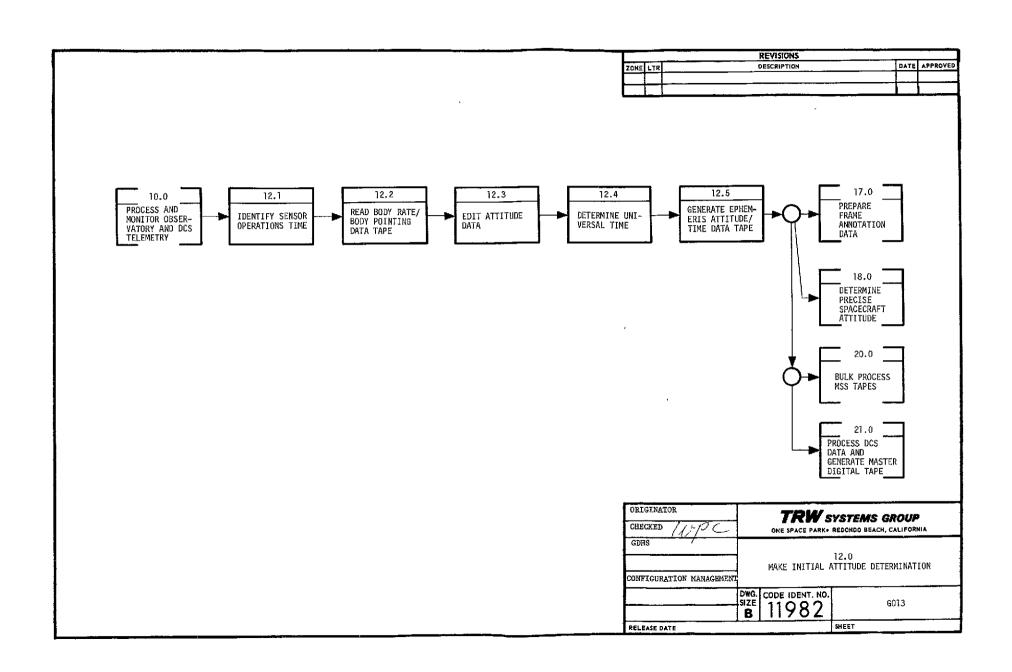


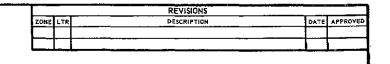


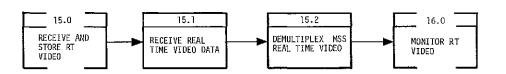




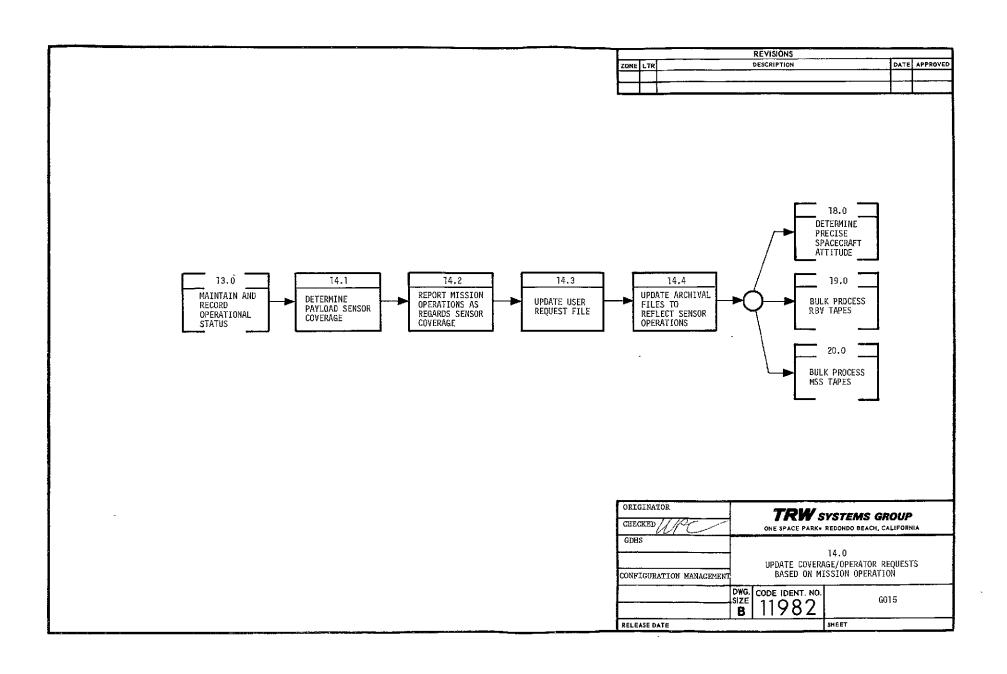


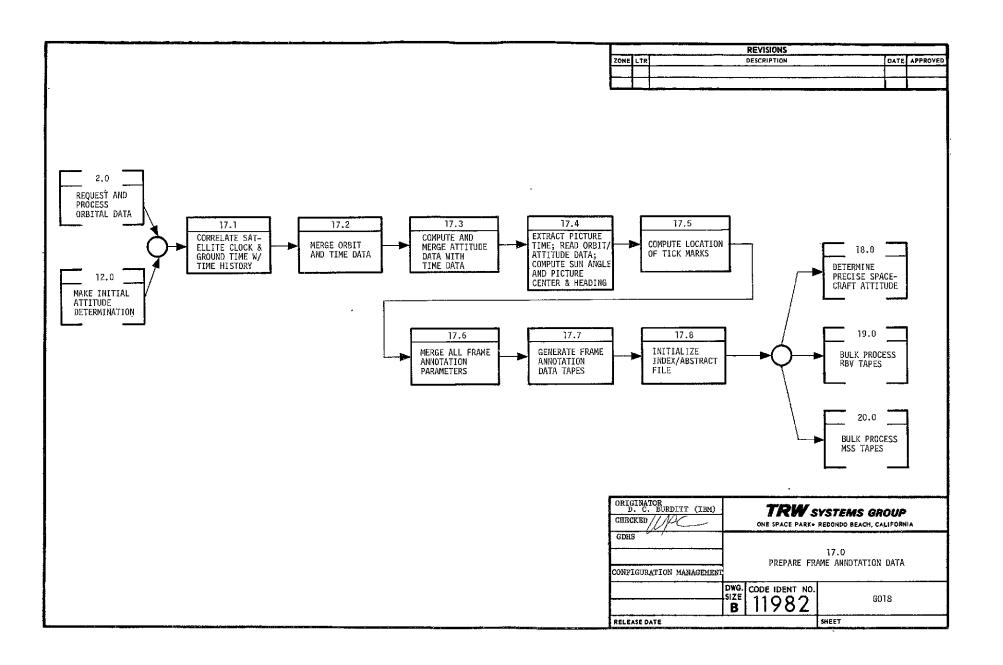


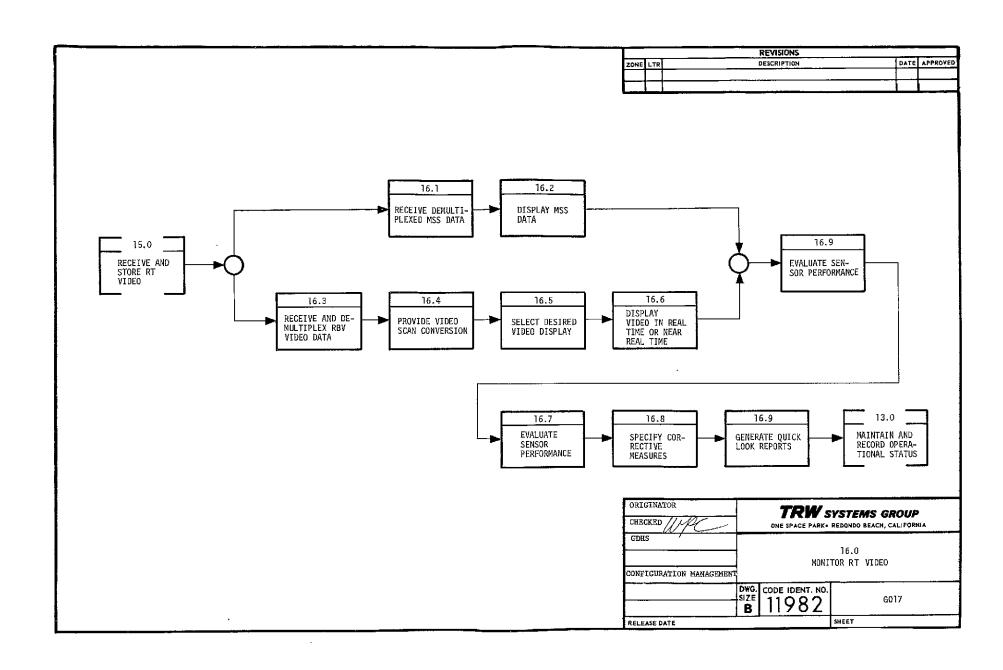


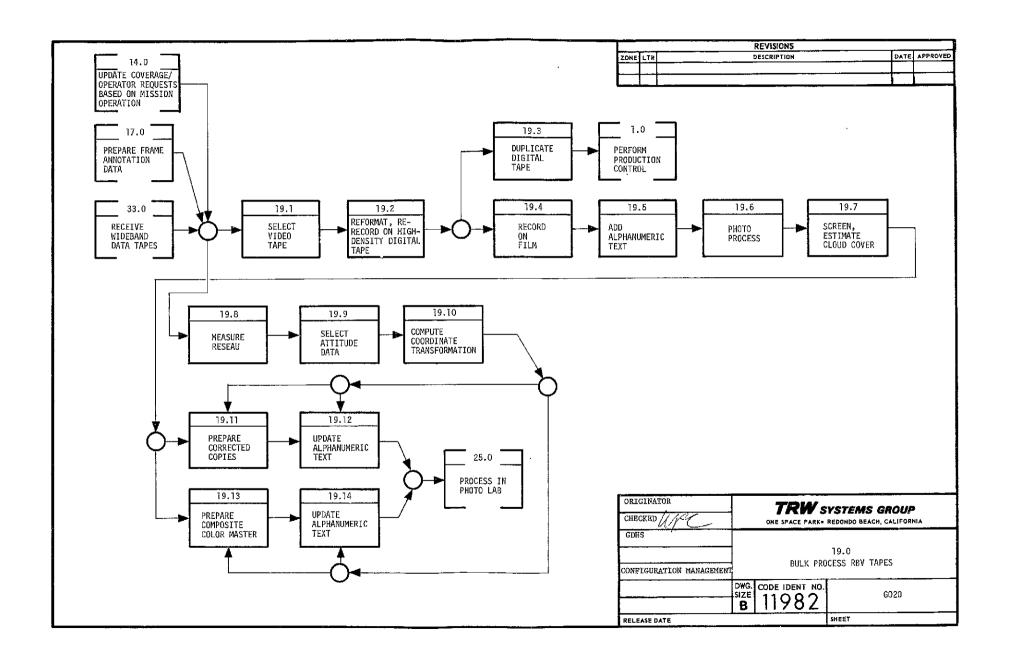


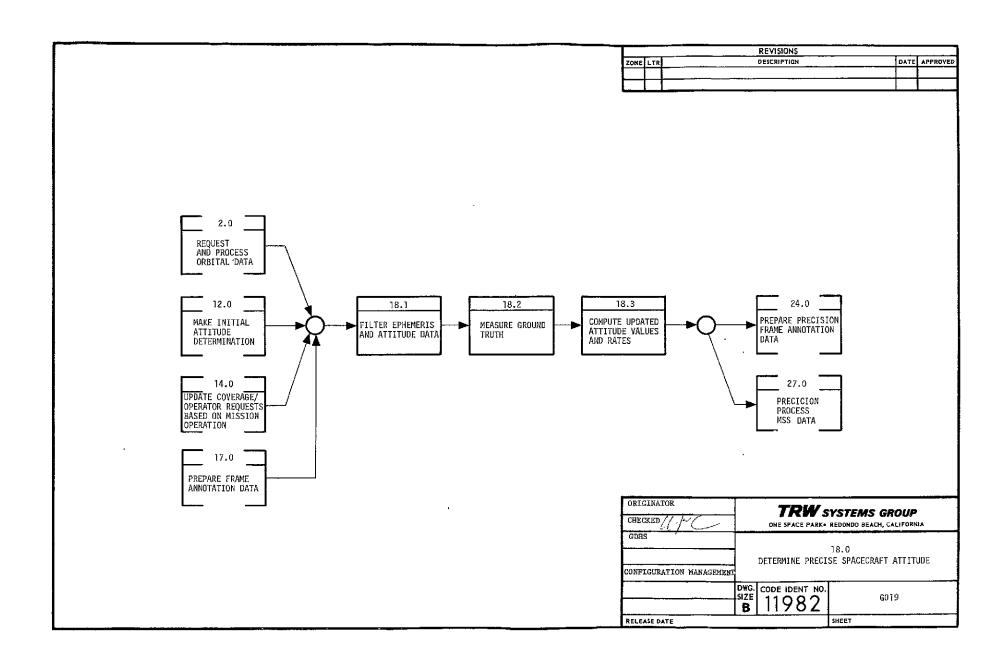
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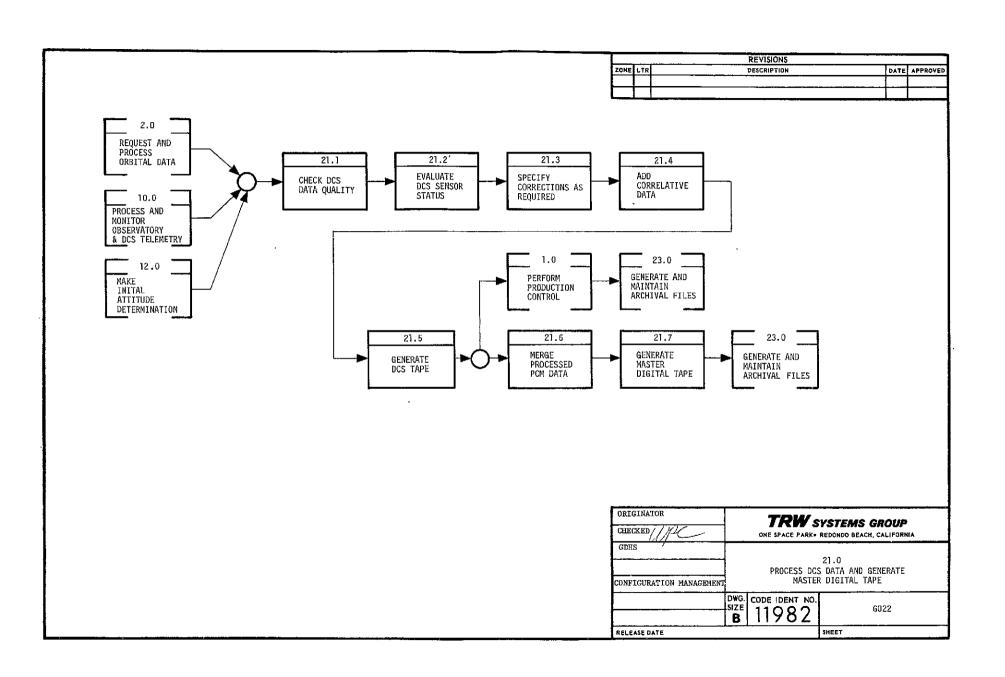


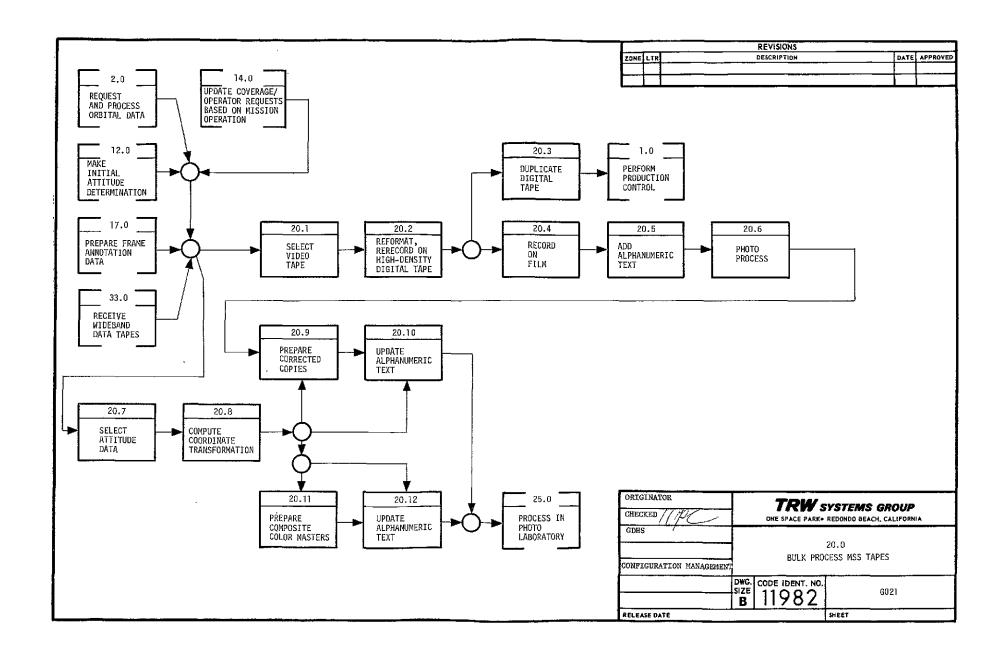


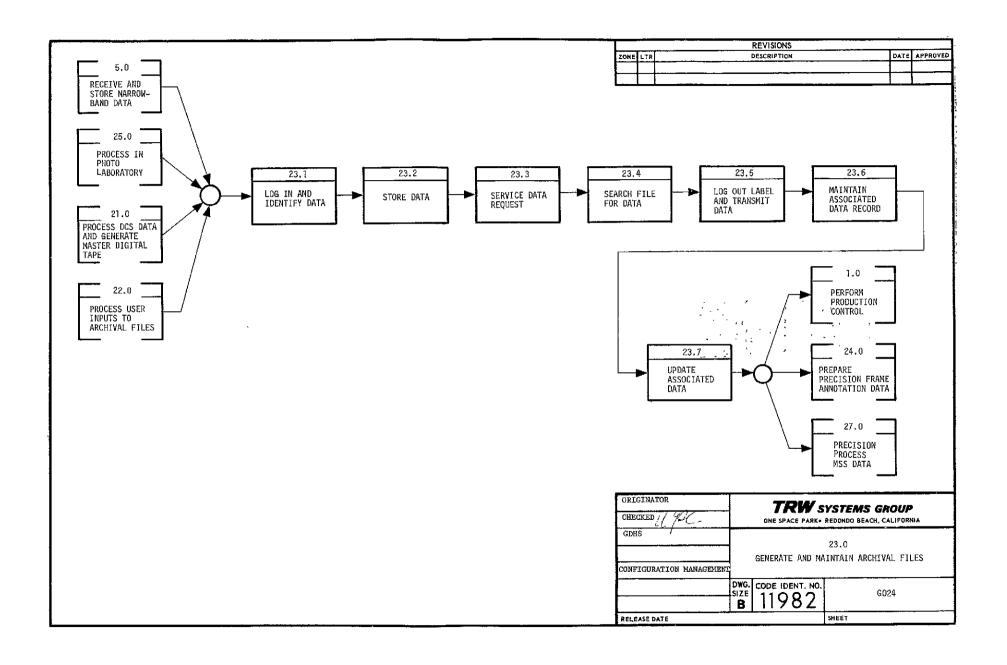


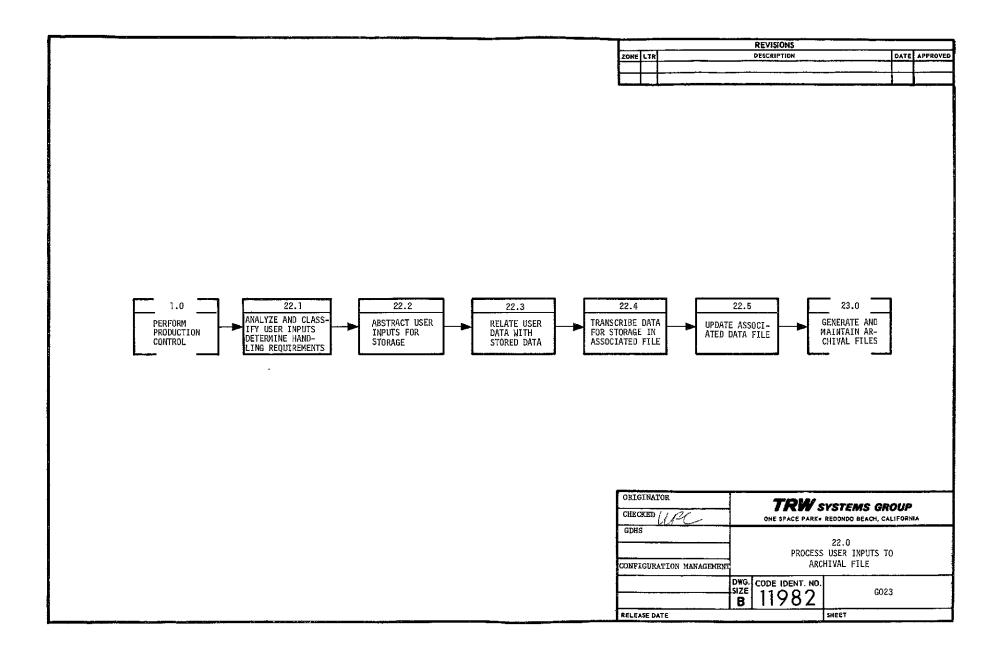


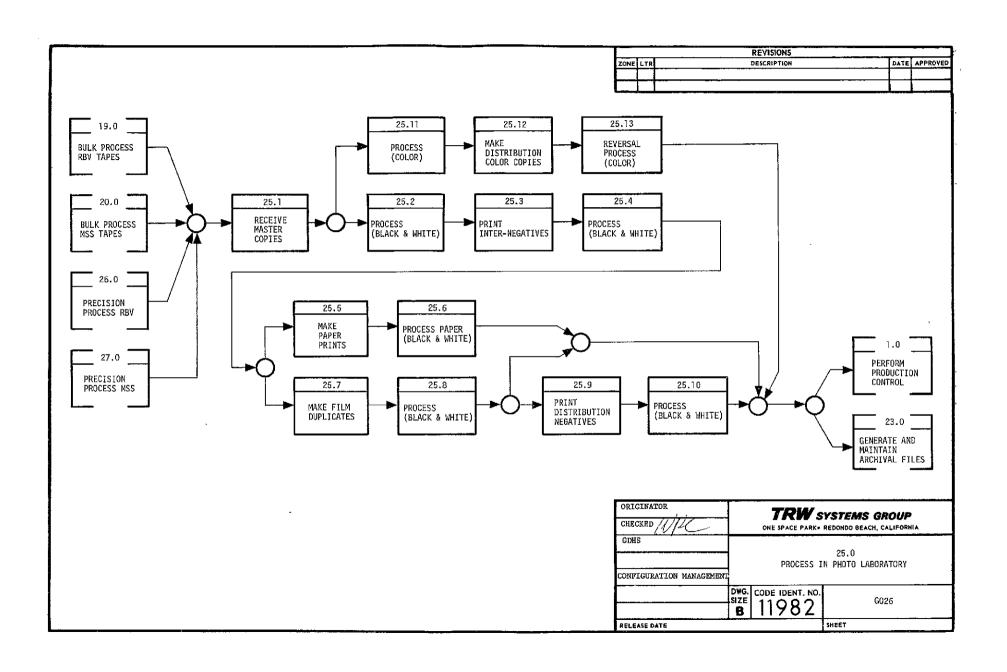


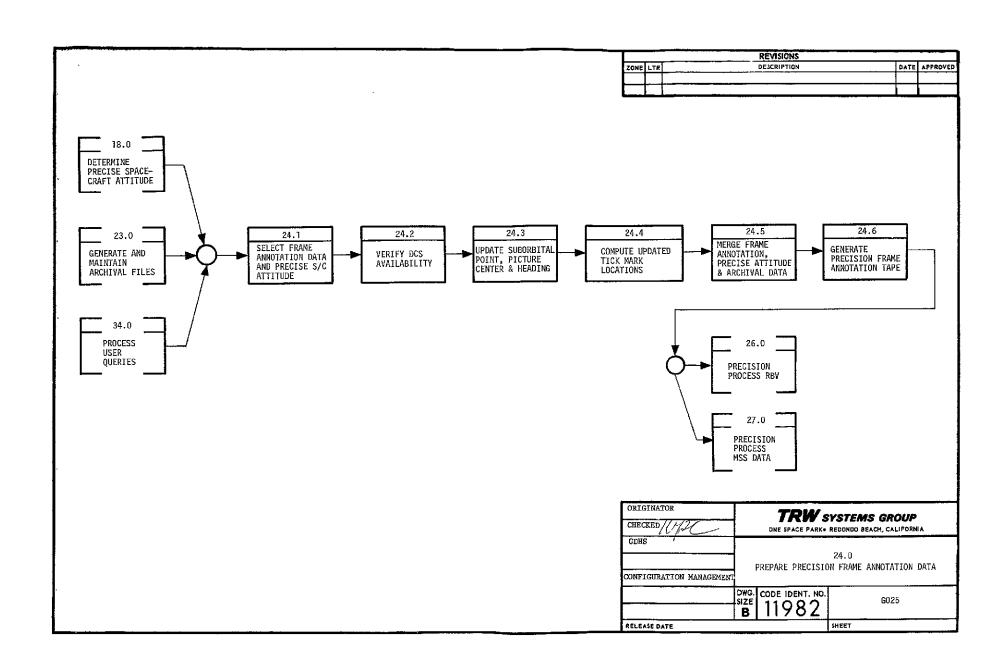


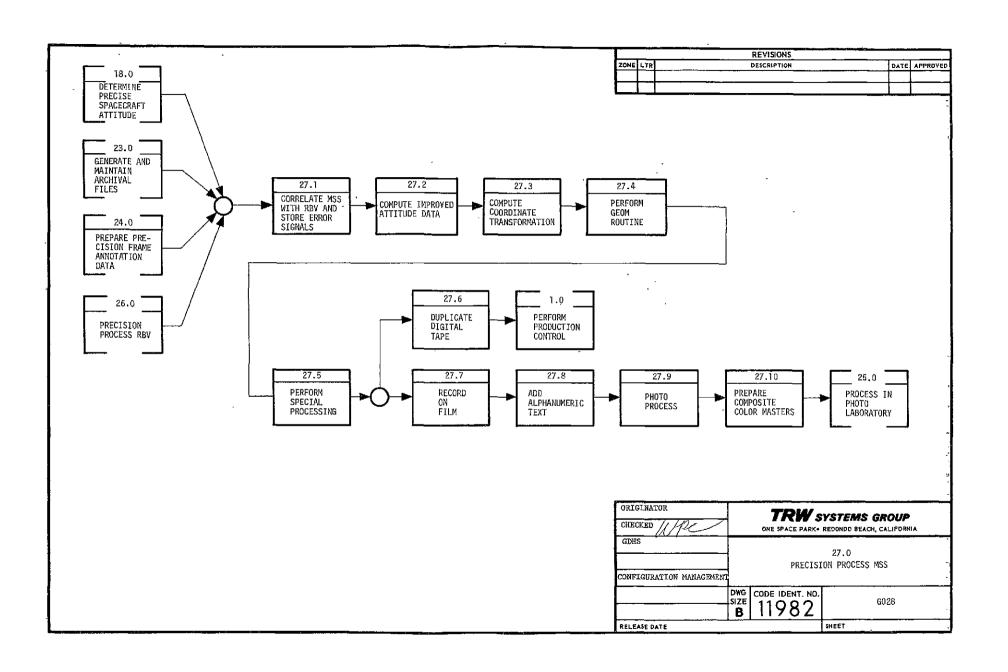


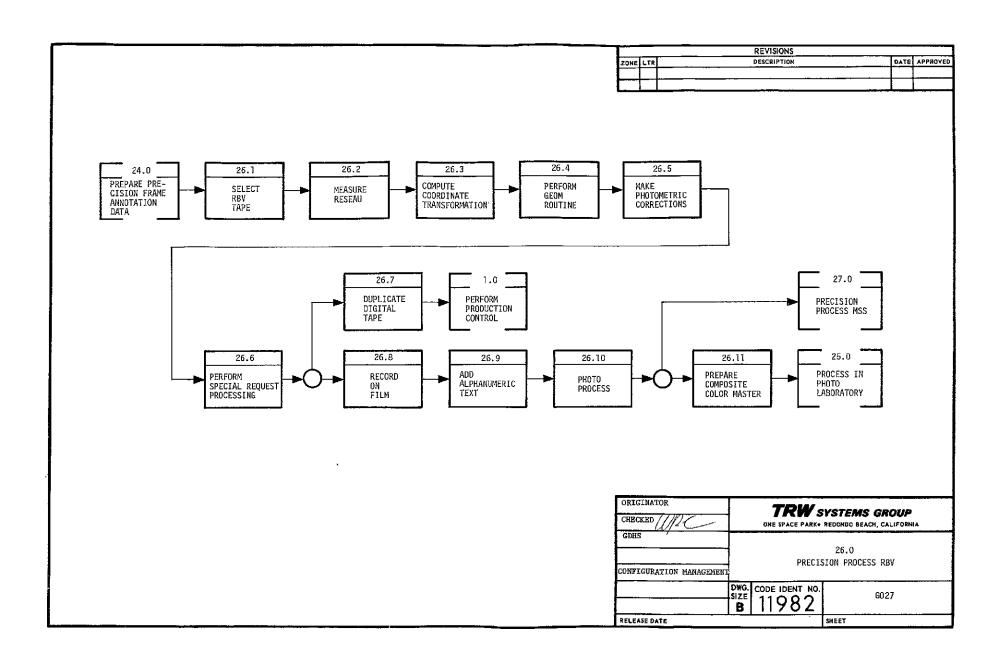


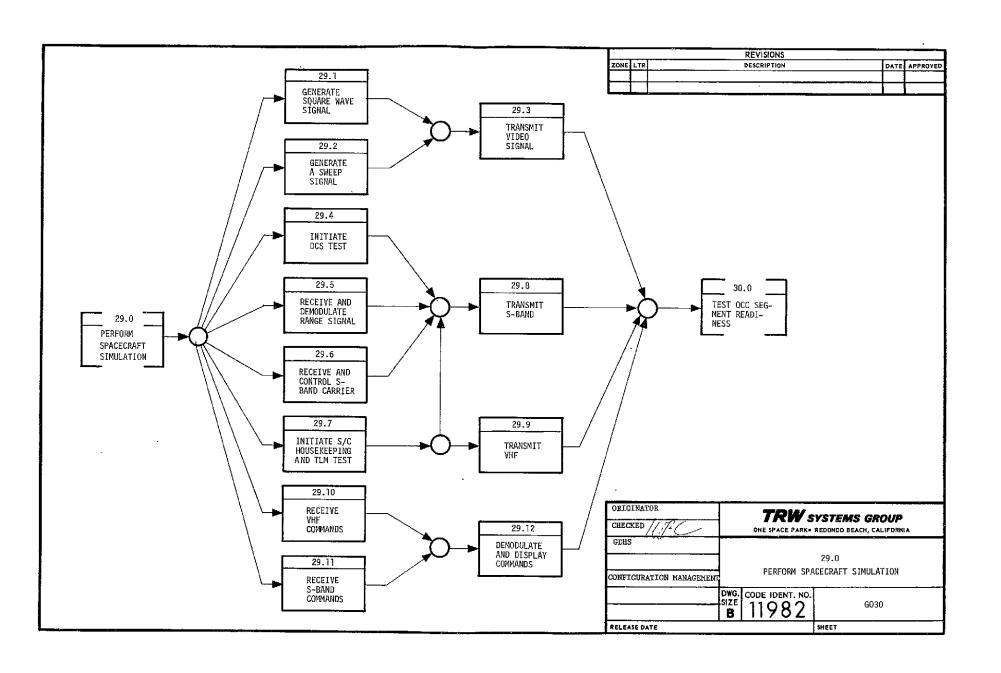


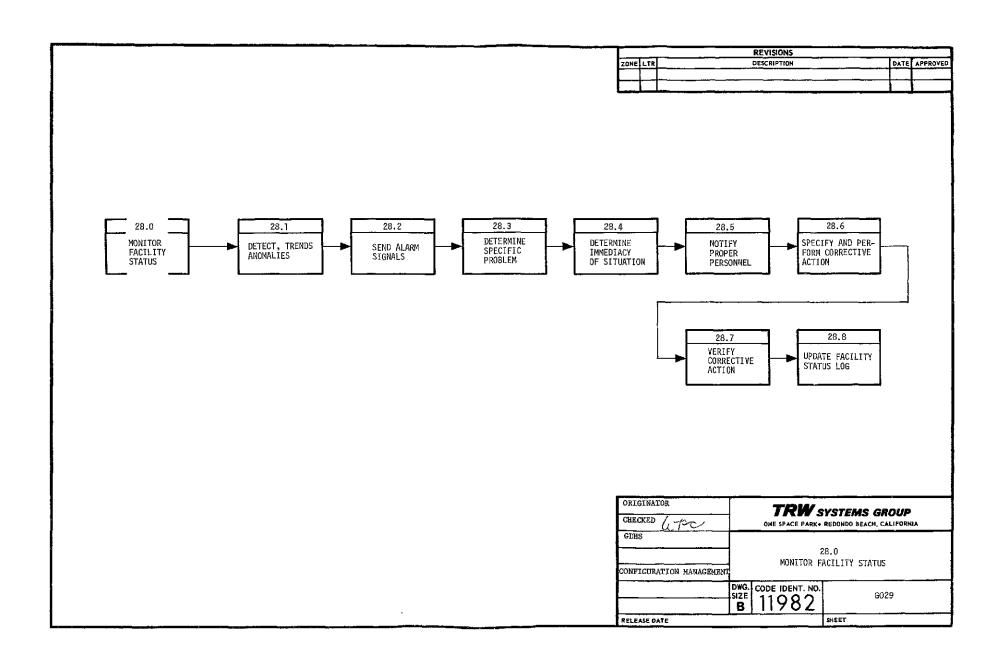


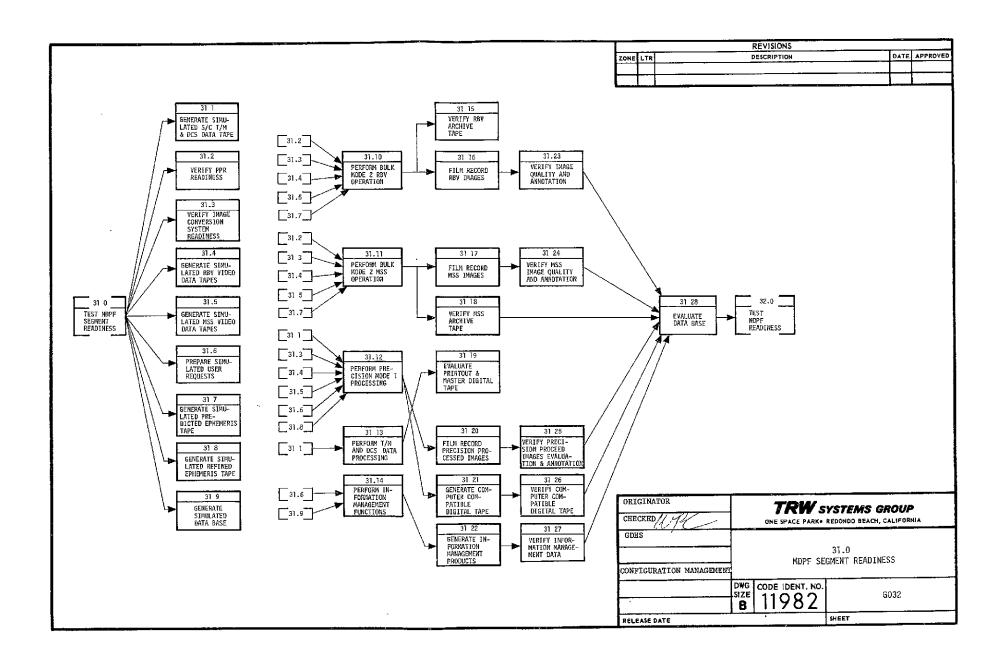


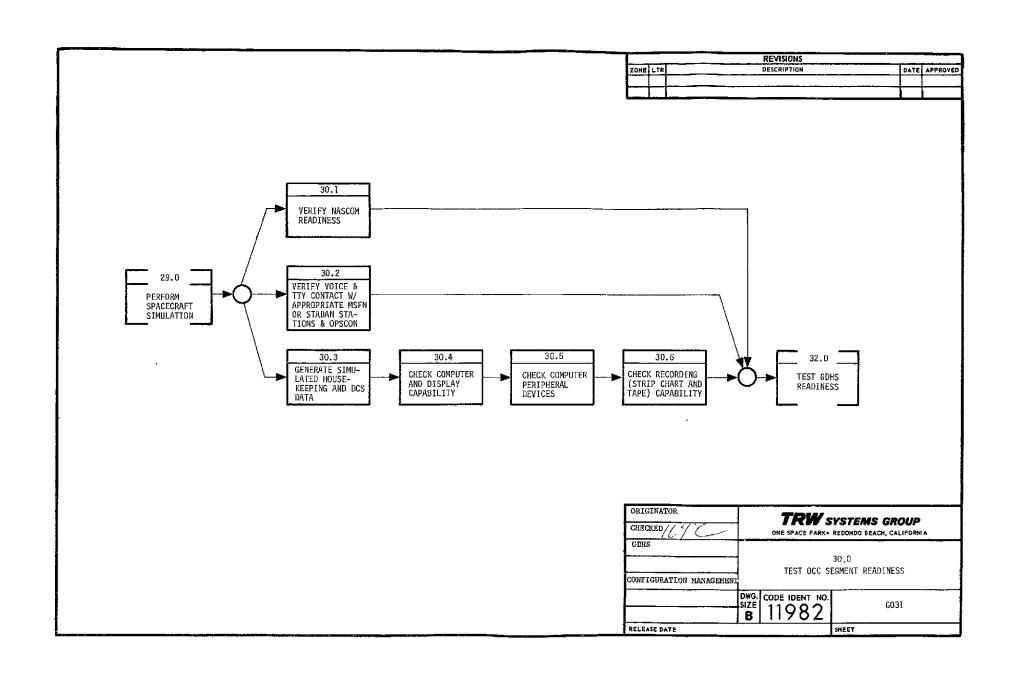


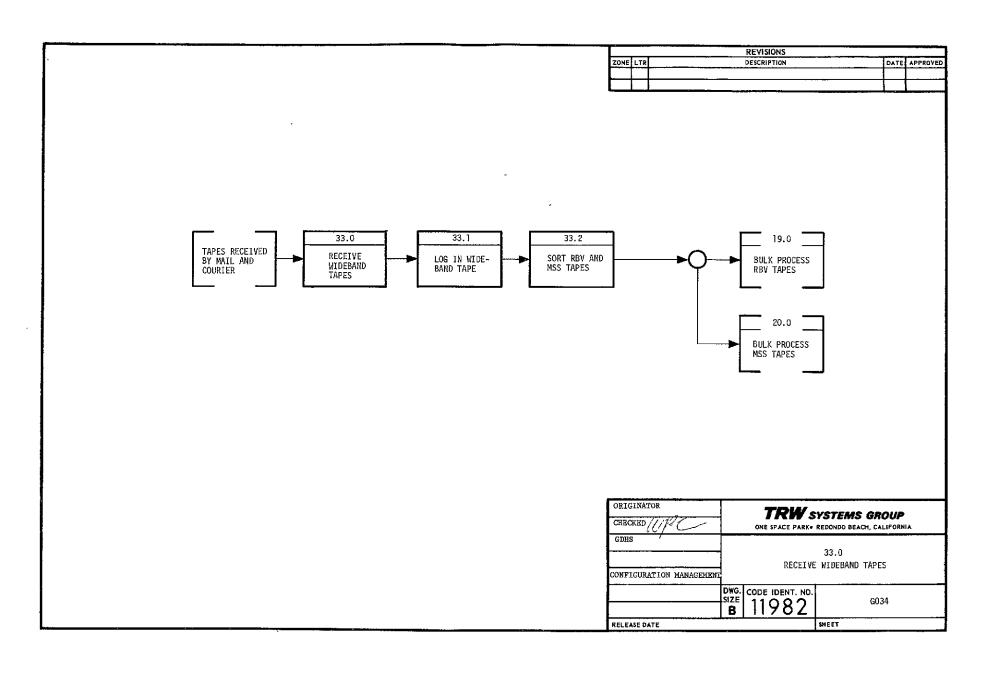


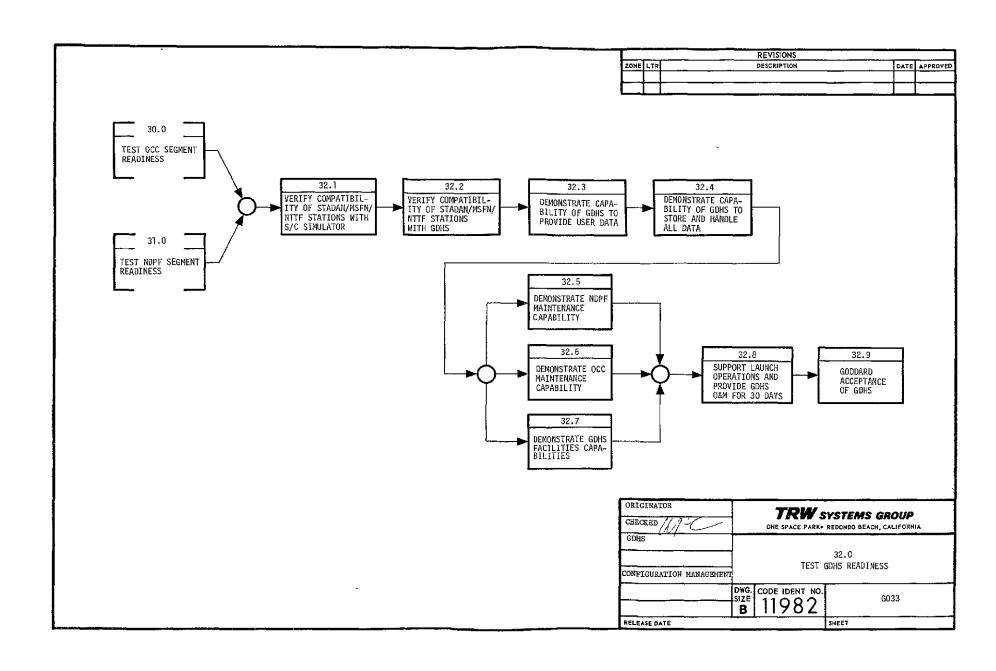


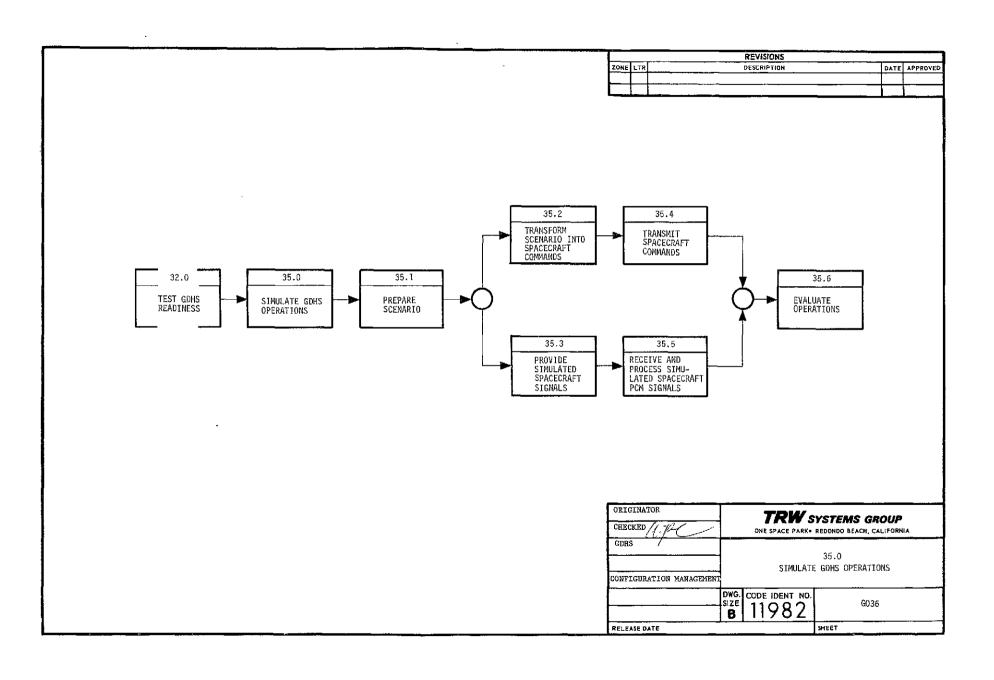


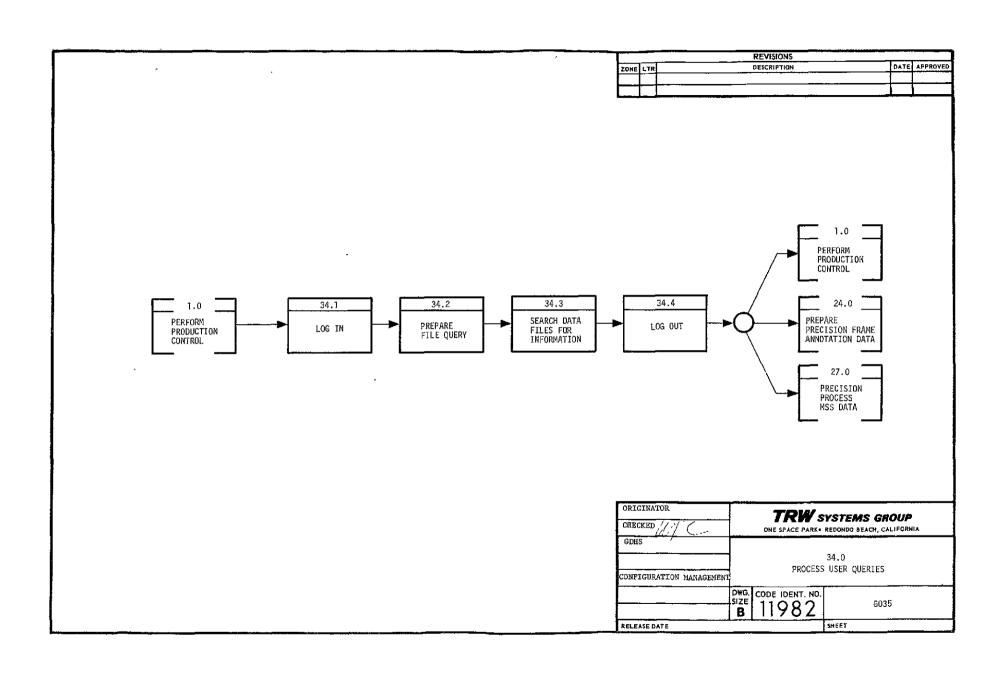




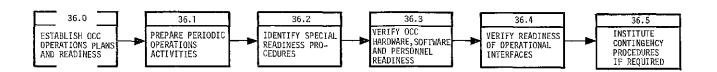








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## REQUIREMENTS ALLOCATION SHEETS

## PURPOSE

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## DEFINITIONS

Hardware: Non-programmable hard-wired equipment not requiring manual intervention except for such functions as load, unload, maintain, preset, etc.

Software: Computer programs in machine or higher level languages-software designation implies the availability of general purpose computers and standard peripheral equipment such as printers, tape units, memories, etc.

Manual: Human intervention requiring decision processes, reasoning, problem-solving, etc., and excluding such functions as load, unload, preset, maintain, etc.

A and B: Alternate ways of accomplishing the functional tasks as listed.

( ): Enclosed applicable paragraph number(s) in S-701-P-3, "Design Study Specifications for the Earth Recources Technology Satellite ERTS -A and -B," October 1969, NASA Goddard Space Flight Center.

REQUIRI	FUNCTIONAL FLOW DWG.	PROCESS ALLOCATION A B	DEVICE IDENTIFICATION	CONTROL	PERSONNEL	TRADEOFFS	DEVELOPMENT REQUIRED	VERIFICATION METHOD(s)	PARAGRAPH NOS.	RESP.
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,,,	EXAMINE MISSION ESTABLISH MISSION FIRAL SHARE! ITS POTENTIAL PROXIMITY OF I	SCHEDILE  S FOR MALICI MAYINES DATA ARE MEERED TO DUTYOUT THE - THE COMMENCE SCHEDULES THE UCKNIES DATA REQUIRED AND DOWNARDS SCHEDULES THE PROJECTED SCHEDULE, ETC  OVERAGE REQUESTS, THE PROJECTED SCHEDULE, ETC	x	П		Ш	OCC SCHEMULER AND FILE SEARCH AND/OR PERMICUT SOFTMARE	OCC SCHEDULER	USER'S REGILERY FILE MODIFIED COVERNOE SCHEDULE	Projected Compose Schedule	GUIDED DECISION PARTING	DPEN EMB BECTSTON MAKING	ING SESSITIE SMULU ETTS SCHEMA THE BE TO MENTIME PRESISTINGS - MAIN AVE THE ADJUSTIAL ADVANTAGES OF SOFTMAKE HETHMOST	NIBOR SOFTWARE TASK	NOME		*		-	CP-2067)		TRM
3 2 (7 14 2 2)		<u>IFF WEATHER REQUEST</u> BUISNED FORMAT RULES, LIST THE DETAILS OF THE R CRIA		x		х	DCC SCHEDULER	OCC SCHEBILER	WEATHER REQUEST MANUAL	MZATHER REQUEST MANUAL	FXXSD PROCEGURE	FIXED PROCEDURE	TOR A FARTICULAR THE AND LOCATION REC COMPRISES. HIZE PAYS SUCCESSIVE - HEATHER REQUESTS SMOULD BE GENERATED?	NORPE	коле		x		:	an many/yerrange	3414)	TRM
33 (71422)	TPANSHIT REQUES SEND THE REQUE TO ALLOW ESSA	TS TO ESSA. SITS IN A THALLY MANNER AND AT REASONABLE HITCHMUS TO RESPOND HE A THALLY HANGER	X	х	x	¥	MEATHER DATA TECHNICIAN BATA LINK TED	MEATHER DATA TECHNICIAN DATA LINC TOD	OCC SCHEOULER	OCC SCHSEQLER	Flaeu Parcedure	F1)EO PROCEDURE	MART TRANSYSSSION MERIUM IS BEST FOR MEMINIER REQUESTS?	KN9E	NONE		х		33121	,	3416)	TRN
34 (7 14 2 2)	RECEIVE AMA FILL LOG IN THE WEA CONFIDENCE LEV	; WEATHER BATA THEN DATA, CHECK CONTENT, QUALITY AND ESSA ELS, AND MOTTEY SCHEDULING PERSONNEL	X	X 1		х	MENTIER UNTA TECHNICINA DATA LINC TSD	MERIMIR DATA TECHNICIAN DATA LINK T30	NONE	ндис	WATAULS PROCEDING DECESION MAKENG	WRITER E PROCESSOR BECSSOR MAKING	SHAT FROM TO DATA STORAGE METERS, and TOWNSHIP APPROVED THE PERTY AND THE FEET THE PROPERTY AS APPROVED OF MEATHER FORCE 1999 20174597 10	кэяе	маже	:	x		33127		3 4 1d)	784

REQUIR	FUNCTIONAL FLOW DWG.	ALL A	OCA OCE	SS FION B	DEVICE IDE	NTIFICATION	CON	rroL	PERSO	ONNEL	TRADEOFFS	DEVELO REQUI			ERIFIC METH	CATION OD(S)	N PARA	GRAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER		HARDWARE SOFTWARE	MANUAL		A A	В	A	В	A	В		A	В	Z.A.	INSPECTION	DEMONST.	GDHS SPEC. oct subsystem p-13760	SOFTWARE SPEC.	PERSONNEL SPEC.	
<b>4</b> T	RECEIVE STADMAYMERS STRIUM CONTROL DAIM NASA SUPPLIES GROUND STATION CONTROL THREE AND AMELES	x	у у		HARD COPY VIA CONSUMPRICATION LINK	HARD COPY VIA CORMUNICATIONS LINK	NONE.	BACT	CLERICAL ROUTING	CLERECAL ROUT (NE	MONE	NONE	NONE		x		33124		3 1 Tn)	GSPC/TRN
4.2	SELECT DESIGNED STRUMPYHISTYL SUPPORT SCHEBULZ FOR ACQUISITION OFFENTIAL SERVICE OFFENTIAL SERVICE AND SELECT THE STATION OF SUPPORT THIS SCHEWARZ ROUSE AND SELECT THE STATION COMPACTS REQUISED TO SUPPORT THIS SCHEWARZ	x			X GROUND FACILITIES SCHERELING SOFTEMACE	OPERATIONS PERSONNEL	CPERATIONS REQUEST CARD RIO SOFTMANC DATA BASE	номе	GUTAED OEETSTON HAKTNO	GPER END DECISION MAKING	LEVEL OF RETAIL PLANNING	SOFTMARE	MUHE		x			CP-200ā		184
43	DETERMINE CONTINGENCY STADANYISH SUPPORT SCHEDERS  PRIVIT 4 2 ASSUMING REASONALE STATION HIGH-AVAILABILITY SITUATIONS TO GOTAIR ALTERNATE REQUESTS	Y			X GROUND FACILITIES SCHEDULING SUFTMARE	OPERATZONS PERSONNEL	OPERATIONS BEOMEST CARD A'S SOFTWARE, SATA BASE	990KE	QUIDED DECESTOR MAKING	OFEN END DECISION MAKESME	NUMBER OF CONTINUENCY SCHEMULES	NONE	KONE		x			EP-2006		184
- 44	BEIGNEST STAMMANSEN SUPPORT  REQUESTS FOR STAMMANSEN GOODED FACULITIES SUPPORT ARE SENT TO OPSCOMMISSIAGE FOR APPROVIME.	x	x o		X IMRD CD2Y WIA COMMUNICATIONS LINK	HARD CDPY WIA COMMUNICATION LINK	NOME	JAONE	FIXED PROCEDURE	FIXED PROCEDURE	жие	<b>К</b> УЛЕ	₩ÛNÊ		ı		33124	ļ	3 4 71}	1991
4 5	PECEIVE APPROVED SCHEDULE  OPSCHYMSTROC DETUNS AN APPROVED SCHEDILE IN RESPONSE TO OCC GRITING SUPPORT REQUESTS	×	¥ :		X HARD COPY VIA CONCURS CASTORS LINK	MARE COPY VIA CONCENTRATION LINE	KONE	HONE:	CLERICAL 2001 INE	CLERICAL ROUTIHE	MONUE	NOME	ЖИЕ		×		33124	1	3 6 11)	184
4.6	PREPARE AND DISTRIBUTE FIRM, MISSION SCHEMES  A FIRM MISSION PLAN IS BYENHINED ACCORDING TO THE APPROVED SOPPORT SCHEDULE	x			E GROWN FACILITIES SCHEDULING SOFTMARE	OPERATIONS PERSONNEL	OPERATIONS REQUEST CAND ALIB SUFFMARE DATA BASE	номе	NOME	OPER EMP DECISION MAKING	6230	SOFTWARE	ясыя		x			CP-2911	3 4 10)	Івн

REQUIRE	EMENTS	FUNCTIONAL FLOW DWG.	P ALI A		ESS TION B	DEVICE IDE	NTIFICATION	CON	TROL	PERS	ONNEL	TRADEOFFS		OPMENT JIRED		FICAT THOD(		PARA	GRAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	TION	NO. 5 0  TITLE PRETIVE AND STORE MARROUNDAID DATA  (F. 14. 7. 14.2. 7.5.2.  GSFC. SPEC. PAR. NO. 7.6.32 AND 7.6.6)  FUNCTION. REQUIREMENTS	HARDWARE SOFTWARE			MANUAL.	В	А	В	A	В		Ą	В	N.A.	ANAL. DATA	TEST	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC.	
51	RECEIVE DCS EL THE DCS DAY, BY MAIL, OR MULTIPLEX FO	A FLOWS TO THE DCC OVER WASCOM LINDS AFTER THE PASS, DIRECT FROM THE DITF THE DATA IS IN RAMBOM	x	П	x		FROM, KASCOM YIA N DATA DISTABUTION EQUIPMENT	BCC SCHEOULE	OCC SCREBULE	CLERICAL ROUTING	CLERICAL ROUT INS	NONE	אָמטא	HUNE	х		П	3 3 1 2 4	,	H A	TRN .
. 52	THE DIFFICU THE DIS DATA PROCESS TO	O DOMNITION DES MAYA.  IT TASK DE STATELISHUM SHIC IS ACCOUNTISHED HERE OUSS THROUGH AND STRUMENVILLES OF OUTSITE IS IN AN ORDERLY, NOR STARMAN .	х		x	NOV-STANDARD DATA MANDLIKT EQUIPMENT	KON-STAMBARA DATA MAMBLING EQUIPMENT	NOPRE	HOME	FDME	жие	NOME	HANDR DEVELOP- HENT OF DCS EQUIPMENT	HAMIR DEVELOP- HENT OF DCS EQUIPMENT			צ	3125		÷.	TRU
5 3	ADD TIME OF P	ASS FOR DOS DATA	x		x	STANDARD TINE SIGNAL INPUT	STANDARD TIME SEGNAL INPUT	NOME	KOHE	знем	MONE	ADD A SIMBLE GAT (TIME OF PASS) OR CONTINUOUS TIME TAGS?	KOME	MODNE			*	3125			TRN
5.4	DATE TO THE	MEERING PCH YELBRETKY OCC 15 AT MATES FREN 1 EBPS TO SO REPS N THE NETHOD OF TRANSMISSION FROM THE PORT	x	ĸ	×	X FROM MASCON YIA BATA DISTRIBUTED EQUIPMENT	FROM MASCIN VIA DATA BISTRIBUTION EQUIPMENT	OCC SCHEDNIC	OCC SCHEBULE	CLERICAL ROUTINE	CLERICAL NOUTINE	, 1994 E	MONE ^	NORE	x			33121	12	яд	HUST
5.5		HOUSSMEEPING TELEPICIERY DECORATED AND RECONSTRUCTED BUT HEMAIN 19 RESINT	x		ĸ	DATA BANDLING EQUIPMENT	DATA HANDLING Equipment	K93E	HONE	Може	KONE	NON E	HONE	NOME			x	3317:	3 9	,	Т2М
ភ <b>ត</b>	RECORD COMDIT ALL DAYA ET TO STOPAGE O TIME DAYA	LOGGE FOY BATA AND CONT FERRING THE GOC 15 EXTENDED FOR TAFES OF ETHING ON ARE USED IN THE DECOMMENTATION OF NON-NEWL OWN TO ASSECT ON ALL TAPES	x	×		STANDAGO TELEMETRY RECORDER	STANBARD TELEMETRY RECORDER	NORIE	NOHE	CLERICAL Routine	HOME	NOHE	моне	#004E			1	33172	21		TRH
57	DECOMMUTATE IS DATA COES TO TRANSLATED THE THE COMPUTER	CUBERTEPING AND RES DELTA  D THE RECENT ACT A STREAM ST STORMAN AND 12  TO THE SECRET POWERS, E G. PROSALLE, POWE FOR 1, ANNUAGE FOR THE STREET CHART	xx		x	DATA HAMDAJAG EQUIPHENT	DATA HAMEDLING EQUIPMENT	DECON PROGRAMS (SOFTWARE CONTROLLED)	DECOM PROGRAMS (SOFTWARS CONTROLLED)	7 <b>90</b> 04 <u>6</u>	NOME	DEE OF SWE (TIMESWARED) YERUS SPRANTE BOTH PROVIDE OF THE SWE DES DUTAL COCON TILL BE THESWARD)	NONE	HOWE			x	3311	3 9		TFN
<u> </u>							<u> </u>		<u> </u>	<u> </u>								Ļ	PAGE NI		6

EOUIRE	MENTS	FUNCTIONAL FLOW DWG.			ESS ATION		EVICE IDEN	ITIFICATION	CON	TROL	PERSO	NNEL	TRADEOFFS	DEVELO REQU		VERI ME	FICATION (S)	NF	ARAG		,,,,,,,,	RESP.
LLOCAT HEET UNCTION		I NO. 99	HARDWARE SOFTWARE	MANUAL	HARDWARE SOFTWARE		. A	В	A	. В	Α	В		A	В	N. A.	ANAL. DATA DEMONST.	TEST	GDHS SPEC. acc susystem 0-1376b	SOFTWARE SPEC,	PERSONNEL SPEC.	
61	RECEIVE U SENSOR VIA USE	JUSTR REQUESTS Quienage reducts are received from the costoner be likison office		x		х	NOHE	MOINE	маж	ngne	CLERICAL ROUTIME	NOOLINE CTENION	kūwž	NONE	арые				ļ		3 4 1a)	GSFC/TRM
62		EST URBOARDENTED INJO OCC SENADS CONCENSE SMÉMIEST ELLE	×			X I	USER RECHEST PILE MAINTENANCE SOFTMARE	NOME	OPERATIONS REQUEST CARD NET DATA DARKS	MONE	MGNE	FIXED PROCEGURE	USER REQUEST FILE ORGANIZATION AND STRUCTURE	SOFTWARE	можЕ		x		:	CP-2003		TEX
63	GENERALIKE GENERALIKE	E AREA ACQUISITION OPPORTUNITIES FOR BAY AND MSS.  EXTING-ORNORED TAULE OF USEA REQUESTS YESTILE TO SEMSONS	x		x		ACQUISITION SOATUMRE	ACQUISITION SOFTMARÉ	CFERATIONS REQUEST CARD AND SOFTMARE DATA BASE	OPERATIONS REQUEST CARD AND SOFTMARE BATA RASE	RONE	NONE	SPEED WEILNIS ACCURACY OF METHOD	SOFTWARE	SOFTHARE		K			CP-2807		TORNE
6.4		1157 OF ACQUISITION EPPORTMANIAES THIS-ORDERED ACQUISITION OPPORTUNITIES	x x		x x	 	DESPLAY SOFTWARE AND PRINTER	DISPLAY SOFTWARE AND PRINTER	OPERATIONS REQUEST CARD AND SOFTWARE DAYA BASE	GREATIONS REQUEST CARD AND SOFTMARE DATA BASE	.KONE	моче.	TYPE OF DISPLAY	SOFTWARE	SOFTWARE		×		3311	6 CP-200	,	TRM
a s	NUMERIO Areas	E RELATIVE VALUES FOR VISITED FREAS.  CH. VALUES SHILL IS ASSOCIATED TO EXCUMENDATE VYDDO COVERAGE RELECTION USE THOUSTIES AND EXCUMENDATION, RESISTED OWNER ORDITIONS, ETC., FOR SELECTION SEASON GREATHERS	x			X	Sensor Scheduling Software	OPERATIONS REQUEST CASE AND SOFTMARE CATA BASE	може	NONE	NONE	FLXED PROCEPURE	METRO) OF MEIGHTENS AREAS	SOFTWARE	i koez		x			CP-204	23	TRM
55		PLOT OF SWAIM HITH VALUES OF VALUES OF MARTH IS GENERATED FOR CANDIDATE E Assas	x x		x x		DISPLAY SOFTWARE AND DISPLAY DEVICE	DISPLAY SOFTMARE AND DESPLAY DEVICE	OPERATIONS REQUEST CARD ASS SOFTWARE DATA BASE	OPERATIONS REQUEST CARD ALD SOFTWARE DATA GASE	E ROOME	моме	TYPE OF DISPLAY PRINTER YERSUS CRT	SOFTMARE	SUFTHARE		×		3311	1 6 CP-8	1009	Tka
67	SENSOR	ENSME//JOHN RECORDER DERRATIONS OPERATIONS AND REQUIRED PROD ACCORDE OPERATION AFE TO WITH RESPECT TO SHARM VALUES, GERATIONAL DISSIBLATIONS LOND VALUES	×			x	Seksor Schedbling Software	OPERATIONS REQUEST CARP AND SUFTMARE DATA MASE	HOME	NG46	NO.4E	FIZED PROCECURE	DEERREE OF OPTIMIZATION OF SCORE	SOFTWARE.	HORE		×			CP-	2010	TR
																				940	E SU IME	BER

RE QUIRE	MENTS	FUNCTIONAL FLOW DWG.	Pi ALL A	ROCE OCA	SS TION B	DEVICE IDEI	NTIFICATION	CON	rol.	PERSO	INNEL	TRADEOFFS		OPMENT JIRED	VERIFICATI METHOD(S	ON S)	PARA	GRAPH .	NO5.	RESP.
ALLOCA SHEET FUNCTION NUMBER		PUNCTIONAL PLOW DWG.  NO. 5 0 THE LIST (CONTINUE)  CSFC. SPEC. PAR NO (7 14)  FUNCTION REQUIREMENTS	HARDWARE SOFTWARE			Ā A	В	A	В	A	В		A	В	N.A. INSPECTION ANAL. DATA DEMONST.	TEST	GDHS SPEC. occ sugnistin	<u> </u>	PERSONNEL SPEC.	
68	DETERMINE T	LOAD OPERATIONS TO PAYLOUD EVERTS* THE SPECIFIC PAYLOAD EXPITS*REQUIRED TO INCLEMENT OPERATIONS	х			C SEMSOR SCHEDULING SOFTHARE	OPERATIONS REQUEST CARD AND SOFTMARE DATA BASE	моне	NOME	MOKE	WRIAGLE PROCEDURES	MONE .	SOFTWARE	BEN E				CP-2010		TRY
6.9	FOR THE STA	LECCRETY, STATION COMMUNICATION EVENTS ADMINIST STATION SOURCE OF THE SHAWET, STATION CONTACT THES TO EXTERNISE MANICATION EVENT THESE O	x			X VENICLE EVENT GENERATION SOFTHANS	OPERATIONS REQUEST CARD AND SOFTMARE DATA BASE	RDNE	BIOPEE	коне	Fixeo Procedure	MCRE	SOFTWARE	KDME				GP-2010		\ Tru
<b>5 1</b> 0		IT ADUST EVENTS STER TIMES FOR OBSIT MAINTENANCE	z.			X ORBIT ADJUSY 50FTWARE	OPERATIONS REQUEST CARD. ORTA CARDS. AND SOFTMARE DATA BASE	<b>зон€</b>	MUMĒ	PRONE	OPEN SHID BECISTOR MAKING	MASA QRRIT ANNUST CAPARLLETT VIRSUS OCC CAPARILITY	SOFTWARE	2904/E				CP-Z01B		TRM
611	OETERHIRE SFA FROM TELEVIS SELECT EVEN	COCHAFT HOUSEKEDING ENOME THY DERIVES SPACECOST HEALTH AND STATUS DATA, IS MITCH MAINTAIN SPACECOSPT HOULTH		x		X OPERATIONS REQUEST CARD AND SOFTWARE DATA M/SE	OPERATIONS REQUEST CARD AND SOFTMARE DATA EASE	MORE.	HOKE	GUIDEO DECISION MAKENG	GUIDED DECISION MAKING	500+E	NONE	380146						TRH
6 12	MERGE EVENTS PLANKED SPA PLAN LINICH	ERITO SIRGLE MOR-COMPLICATES CHROMOSOGICAL EVEIT LIST ECCRAFICANDAD DEVENTS AND ENGINEE A MISSION IS CORPATIBLE MITH OPERATIONAL OBSIDIARIES	x		x	VEHICLE EVENT GENERATION SULTMARE	DOMMAND GENERATION SOFTMARE	- None	MDN€	MONE	BNDM	ncag	SOFTMARE	SOFTWARE				GP-2010 GP-2011		TRM
613	DISPLAY EVENT THE LIST OF APPROVAL OY	LIST PLANEO SPACECRAFT/PANICAD EMENTS IS DISPLAYED FOR Mission Planeous Personal	x x	X 1	x x	K DISPLAY SOFTWARE AND DISPLAY GEVICE	DESPLAY SOFTNING AND DISPLAY DEVICE	OPERATIONS REQUEST CARD AND SOFTWARE DATA BASE	OPERATIONS REDUCST CARD AND SOFTWARE DATA MASE	GNIDED DECISION HAKING	GUIEED CECISION MAXING	TYPE OF DISPLAY PRINTER VS 627	SOFTMARE	SOFTWARE				EP-2811		गयस
																		BACE NO.		

REQUIRE	FUNCTIONAL FLOW DWG.	PR ALL A		ESS TION B	DEVICE IDE	TIFICATION	CON	TROL	PERSO	DNNEL	TRADEOFFS		OPMENT HRED		TCATIO	PARA	GRAPH	NOS.	RE\$P.
ALLOCA SHEET FUNCTION NUMBER		HARDWARE SOFTWARE			А	В	А	В.	A	В		A	В	N. A. INSPECTION	ANAL. DATA DEMONST.	GDHS SPEC	SOFTWARE SPEC.	PERSONNEL SPEC.	
71	ASSOCIATE THE EVENT LIST WITH COMMUN SEQUENCES DUTY CHEFT THIS AN ASSOCIATE SEQUENCE OF CHOOMERS SECSEMBLY FOR MAKE FOR EACH PLANNES EVENT  ASSOCIATE THE EVENT LIST WITH COMMUN SEQUENCES AND CALLED FROM THE DATA  MAKE FOR EACH PLANNES EVENT  ASSOCIATE THE EVENT	. х		,	CINYAMID GENERATION SUPTIMBE	SPECIALLY TRAINED OPERATIONS PERSONNEL	SOFIMARE DATA ZASE STRUCTURE- OPERATIONS REQUEST CARD OR COMSOLE IMPUT	MARIM ODHYAND LIST ALTERATION	GUIDED DECESSION MARINE	open end Decision Haking	BEST DIVISION OF HORK (LOGIC CHECKS AND CHRIEGATION TASKS) BETWEEN MAN AND SOFTMARE	COMPLETÉ SOFTWARE DEVELOPMENT	OZFINE COMPAND LISTS	x			(P-3003	3 1 er]	TRAI
7 2 (7 6 6)	DETERMINE UNIVERSAL THME/SPACECRAFT SCP ELOCK TIME CORRELATION THE SOP CLOCK RECYCLES PERIODICALLY TO ZERO AND BRIFTS AS WELL, OCC DETERMINES HRIVESSAL THME/SCP CLOCK CRESCRATION FOR MISSISM SORROWLES	Ι		x -x	ONEYERSAL TIME/ COU TIME COMPALATION SOFTWARE	U T/CBU TIME CORRELATION SOPTIME AND GAYDED SAGECRAPY CLOCK STAULATOR	SOFTMARE DATA DASE	SOFIMARE BATA BASE	KOME	ноне -	MANE .	COMPLETE SOFTMARE DEVELOPMENT	STRUCATION BRODARE/ SOFTMARE SOFTMARE/ SOTTMARE/ SOFTMAR	X			EP-3004		TRY
73 (766)	ASSIGN EXCUSTON TIME (SYNECOMET SCP CLOCK) FOR STORES CONSINCE FORTS MANY DEED PERMANED IN UNIVERSEL THE, THIS TIME MUST BE CONVERIED TO SUP TIME	7		,	COMPAND CENERATION SOFTMANE	OPERATIONS PERSONNEL	SOFTWARE BATA BASE	MARINAL Assignments	. NOCHE	FIXED PROCEDURE	MOME	CONSTRUCT CONTRACE CONTRACE CONTRACE	UR (TE OPERATIONS MANUAL & TRAIN PERSONNEL	×			CP-3004		TRW :
7.4	ASSIGN SPACEULIFF STORED COMMUN PROGRAPHER ANGRESSES  GROODED STOREGE AGRESSES ARE ASSIGNED BASED ON CHRIBMT SPACEURAFT SOP STATUS	х			COMMAND GENERATION SOFTWARE	OPERATIONS PERSONNEL	SOFTMARE BATA DASE	MARIUAL Assignižets	MONE	FIXEB PROCEDURE	NONE	COMPLETE SOFTMARE DEVELOPMENT	HRITE DERAYTIONS HANGE 8 TRAIN PERSONNEL	x			CP-3007		TRM
7 5	QUECK FOR AND RESOLVE COMMAND SEQUENCING CONFLICTS  PROOFE THE SEQUENCING DETWEEN CONTAINS IS WERLFIED TO BE COMPATIBLE WITH INVESTMENT	X	х		CONSUMO SEMERATION SOFTWARE	OPERATIONS PERSONNEL	SOFTMARE DATA BASE	MARMAL CONFLICT PESOLUTION USING OPERATIONS MANUAL	GUIDED VARIABLE PROCEDURE	GZEN END DECISION MAXING	PERCENT OF LOALS PERFORMED BY SOFTMARE	COMPLETE SUFTIVARE DEVELOPMENT	OPERATIONS A TRAINING PROCEDURES DEVELOPMENT	x			CP-3006	3147)	Taw
7 6 (7.6 1 2)	VERTEY AND ACCEPT CONNAME LISTS MISSION FURNIESS EXERCISE A YAWAL HONITORING FUNCTION CONTING CONCAND CENTRATION	хх	х		X DISPLAY HANDWARE, DISPLAY SOFTWARE, OPERATIONS CONTROLLER	OPERATIONS CONTROLLER	HUMAN INTERVENTION VIA ON-LINE INTERACTIVE CONSOLE OR FUNCTION CARD	OPERATIONS CONTROLLER INTERVENTION	GUEDED VARIABLE PROLEDURE	NAKIABLE Procedure	PRINTER YS COSSOLE YS SOME OTHER DISPLAY	CONSILETE SOFTHARE DEVELOPMENT AND FROCETURES DEVELOPMENT	FROCEBURES DEVELOPHENT		×	3311	6 CP-3012	3 [ 41)	TRM
77	DETENDENT WOODS OF COMMUNICATIONS TRANSMISSION A WARTERY OF CONTAINS TRANSMISSION TOUSES ARE AVAILABLE.	,	x		X COMMIND CENERATION SOFTWARE	OPERATIONS CONTROLLER	OPERATIONS REQUES CARD OR CONSULE IMPUT	OPERATIONS MANUAL	GUIGEO PECISION PAKING	OPEN END DECISION MARENG	NONE	SOFTWARE DEVELOPMENT	PROCEDURES Dev Algrhem	x			CP-3012	3145)	TRM
					i i												PAGEN		9

REQUIRE	EMENTS	FUNCTIONAL FLOW DWG.	F AL_ A	ROCI	SS TION B	DEVICE IDE	ENTIFICATION	CON	ITROL	PERS	ONN EL.	TRADEOFFS		OPMENT DIRED	VERIF MET	ICATION (S)	DN PA	RAGRAP	H NOS.	RESP
ALLOCA SHEET FUNCTION NUMBER	TION	TITLE GRIEFATE AND TRANSPIT SPACEDRAFT COMMUNIS GSFC, SPEC, PAR NO. (7 14 2 1) FUNCTION REQUIREMENTS	HARDWARE SOFTWARE	MANUAL	SOFTWARE	WANDAL A	В	A	В	A	В		, A	В	N.A. INSPECTION	ANAL, DATA DEMONST.	TEST GDHS SPEC.	OCC SIESYSTER D-18780 SOFTWARE SPEC.	PERSONNEL SPEC.	
81		IT SPACECRAFY STATUS  15 PRECRUTIONARY IF ALL IS HORMAL IT ONLY INVOLVES A ON FROM THE PROJECT OPERATIONS DIRECTES		x		PROJECT OPERATIONS DIRECTER	FROZECT OPERATIONS DIRECTOR	OPERATIONS MENUAL	OPERATIONS MANUAL	PROCEEDISE FIXED	FixED PROCEDURE	NORE	жоме	ноне		x		,	3 4 11)	TRU
, B2		ONTINGENCIES AS REQUIRED OF THE PROBLEM DETERMINES THE BEST COURSE OF ACTION		×		X PROJECT OPERATIONS DIRECTOR, OCC PERSONNEL	PROJECT OPERATIONS OJECTOR, OCC PERSONNEL	OPERATIONS RANKAL	OPERATIONS ARRIVAL	HAKING OPEN EKO OPEN EKO	OPEN END Decision Makens	PERCENT OF CONTINGENCY ASSISTANCE IN SETTIMBE PROBRAM	PROCEDURES Developheny	PROCECURES DEVELOPMENT		, x	•		3 4 12)	TRW
, 63		EANT BEODER ADDRESSES FOR EACH COMMIND DIRESS ASSIGNMENTS ARE HADE FOR EACH COMMIND	x	x	x	COMMANG GENERATION SOFTMARE, OPERATOR VERIFICATION	COMMAND GENERATION SOFTANCE, OFERATOR VERIFICATION	SOFTMARE OATA EASE, MARIAL OPERATIONS	SOFTMARE OATA BASE MANUAL OPERATIONS	VARIABLE Procedure	YAR I ABLE PROCEDURE	. ROME	COMPLETE SOFTMARE DEVELOPMENT	COMPLETE SOFTMARE DEVELOPMENT	, х			CP = 300	7 341L)	). тки
84	FORMAT COMMAN COMMAND PR BITS ARE A	NOS EMMELES, SYMC BETS, COMMUND COMPLEMENTS, AND PARTTY PPLIED TO COMMUNDS	x	x	x	X COMMAND GENERATION SOFTMARE	COSPYAND GENERATION SOFTMARE	SOFTWARE DATA DASE	SOFTWARE DATA BASE	VARIABLE PROCEDURE	VARIABLE PROCELURE	, RONE	COMPLETE SOFTHARE DEVELOPMENT	COMPLETE SOFTMARE DEVELOPMENT			x	CP-38 Ju	0 3 4 1L)	TRN
8.5	ASSENBLE COMM COMMAND HE EQUIPMENT /	vand hessaje Ssaees which are compatible with compand transmission are asseyaled	x	x	x	X COMPLAND GENERATION SOFTMANE	COMMAND SENERATION SOFTMARE	SOFTWARE DATA BASE	SOFTWARE DATA BASE	VARIASLE PROCEDURE	VARIABLE PROCEOURE	BONE:	COMPLETE SOFTMARE SEVELOPHENT	COMPLETE SOFTMARE DEVELOPHENT	х			CP-3011	\$ 3 4 TL)	TRN
86	CONSAND MES	ANNOTATE CHANGE RESEARCE SERVES IN CORP FIGHT HITH LITERAL DESIGNATION ARE ORISSERY PLANNERS, AND TRANSMISSION INSTRUCTIONS	x	×	х	X COMMAND OBJERATION SOFTMAKE HITH CRT DISPLAY	COMPUTER PRINTOUT	BATA BASZ	3934.E	YARIABLE PROCEDURE	VARIABLE PROCESORE	BONE	OLSPLAY SYSTEM HAMDYARE AND SOFTHARE	DISPLAY SYSTEM HARDHARE AND SOFTHARE	ž			CP-3013	3 4 13)	) тки
a 7	HRETE CONSMITO THE GENERAT SPACE IS SW DURING EACH	D. MESSAGE IN COMMAND MISTORY FILE WITH STAYUS DESIGNATION FIRE OCHMANDS ARE RECORDED IN A COMMAND MISTORY FILE AND OFFICE OF HIS COMMAND TO MIGHTER COMMAND STAYUS CITED IN THE COMMANDIAN FANCESS	x			X CONNIND FILE HAINTENANCE SOFTMARE	OPERATIONS PERSONNEL	NONE	SIGNE	HOKE	FIXED PROCECURE	DOHE	COMPLETE SOFTMAKE DEVELOPHENY	PROCEDIRES DEVELOPMENT	x			CP-3013	T.	TAW
. 88		NIO MELSANGES AND INSTRUCTIONS LY DE FORMASCO TO STAMMINASEN STATIONS VIA A NOWSER OF 15465	x x	z x		X HASODY TTY, VOICE LINKS, MAIL	KASCOM TTY, YOJCE LINKS, WATL	TTY, TELEPHONE. AND NOTCE LINK CONTROLS	TTY, TALEPHONE, AND YOLCE LINK CONTROLS	VARIABLE Procedure	VAPIABLE PROCEDURE	TTY VERSUS TELEPHINE/ADDEN VERSUS VOICE LINK VERSUS MAIL	Nowe '	KÓNE	x		331	Z 4 CP-3013	3 1 4J)	TRM
8 9	ECHO CHECKS	T OF COMPAND MESSASES AND INSTRUCTIONS AND VOICE VERIFICATION BETWEEN STADMAYMSEM AND OCC REVERY COMPAND LEAD	x x	×		X RASCOM TTY AND VOICE LISKS	NASCUM TTY AND VOICE LINKS	TTY, TELEPHONE, AMD VOICE LINK CONTROLS	TTY, TELEPHONE, AND VOICE LINK CONTROLS	FIXED Procedure	FIXED Proceduré	TTY VERSUS TELEPHONE/HODEN VERSUS WOTCE LINK VERSUS HATE	NOME	MONE	x		, 331	2 4 CP-3016	3 4 13)	TRW
8 10	TRANSHIT COMPU COMPANOS ASS FROM OCC USI	ANDS 5 TRANSMITTED TO SATELLITE FROM STADAM STATIONS OR INS MSFM STATIONS FOR RELAY	X	x . x		X AUTOHATIC CONMAND ENCODING EQUIPMENT	CONMAND ENCODING EQUIPMENT AND STADAM/HISPA PERSONNEL	CCCOWND THANSASSION CONTROLS	CONPLAND EAC DEER CONTROLS	YARTABLE Procedure	YARIASLE PROCEOUNE	NONE	EGNIFLETE SOETHARE DEVELOPMENT FOSSIBLE ENCODER DEVELOPMENT	POSSJBLE ERDODER DEVELOPHENT		x	331	2 4 CP-3014	3 4 13)	TRH
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REQUIR	FUNCTIONAL FLOW DWG. EMENTS NO. 90	PR ALL! A	OCA	SS TION B	DEVICE IDE	NTIFICATION	CON	TROL	PERS	ONNEL	TRADEOFFS		OPMENT JIRED	VER ME	RIFICAT	TION D(S)	PARA	GRAP'I	NOS.	RESP,	,
ALLOCA SHEET FUNCTION NUMBER	TITLE ENAUGUE STATUS OF TRANSMITTED COMMINE GSFC. SPEC. PAR. NO	HARDWARE SOFTWARE	MANUAL. HARDWARE		Α	В	A	В	A	В		Α .	В	N. A.	INSPECTION ANAL DATA	DEMONST.	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC.		
<b>9</b> 1	VERLEY EXECUTION AND STORMED OF COMMANS.  UTILIZANG SPRECOMET ENGINE BIT, STORED DREVAND HOMEY READOUT, DISCRETS, AND TELEVIER PREMISES CHAISES, BYEZY HOUGHTON OF COMMAND EXCUSTION AND STORMET IS FLAGGED FROM THE PICH DATA STREAM	х		2	COMPAND STATUS UPDATE SOFTMARE	CLYMAND SPECIALIST	SOFTMARE BATA DASE	OPERATIONS MAYBUL AND TRAINING PROGRAM	NONE	OPEN END DECISION HACING	ламе	COMPLETE SOTTMAKE DEVELOPHENT	COMPLETE DZERATIONS PROCEDURES BEVELOPMENT			x		CP-30]5		TRAF	Zon attako
9 2	CONTINUE EXECUTION LIST MIDI COMMIND LIST THE VERIFIED EXCUTION LIST IS COMPANIE WITH THE LIST OF TRANSMITTED CHAMBES AND HEROCLARITIES ARE WHITE AND DISPLAYED	x		x	COMMAND STATUS WEBSTE SOFTWARE	CENOPANE SPECIALEST	SOFTMARE BATA BASE	OPERATIONS HARVAL AND TRAINING PROGRAM	HORE	VARIAGLE PROCEDURE	. SOME	CDMPLETE SOFTMARE DEVELOPMENT	ORMPLETE OPERATIONS PROCEDURES DEVELOPMENT			x		CP-1003		TRN	:
9.3	MESCIFY COMMUNIC INCOLUTE ACTION IS INSTICATED TO RECTIFY CONSIMID RESPONS.		5 X	x	COMPAND SPECIALIST	CC:MANO SPECIALIST	OPERATIONS MANUAL AND TRAINING PROGRAM	OPERATIONS NAMED AND TOLITICS PROGRAM	OPZM END BECISION PRINTE	OPEN SKO DECISION MAKINS	80 F -	COMPLETE OPERATIONS PROCEDURES DEVELOPMENT	COMPLETE OPEINTIONS PRICEDURES DEVALUENCHT			х				TRM	
94	UPMATE AND DISPLAY EXECUTION/STIDAGE HISTORY  GOVAND HISTORY AND STORED CHAMMOR PHORAPHER DANGE ARE UPANYED TO INDICATE VERY LICE CONCAVIN DESCRIPTION/STICK CONCAVIN DESCRIPTION/STICK CONTRACTION FOR THE STITCH FOR THE STICK TO STATE OF THE STITCH TO STATE OF THE STITCH THE STATE OF THE STA	x		x	CONNAMO STATUS UPBATE SOFTMARE	COMMAND SPECIALIST	SOFTMARE DATA BASE	OPERATIONS HARMAL AND TRAINING PROGRAM	NONE	VARIABLE PROCEDURE	RONE .	COMPLEYE SOFTMARE DEVELOPMENT	COMPLETE OPERATIONS PROCEURES DEVELOPMENT		x			CP-4006	· .	TSSI	
95	PRENICT CONCLUDE AND SPACECULARY SYMILS ACCORDING TO VERLETED CONTAINS EXECUTION SYMMATIC THE CONCANDED SPACECULARY COMMAND LOCATIONAL TON IS RECOLLED FOR THE HEAT SPACECULARY COMMAND LOCATION STREAM.	X		x	COMMAND STATUS Update Software	Consust Specialist	SOFFMARE DATA BASE	OPERATEONS MANUAL AND TRAITING PRODRAW	K23E	, OPER END BECESSION BASCING	roue .	COMPLETE SOFTWARE DEVELOPMENT	COMPLETE OVERATIONS PROCESSES DEVELOPMENT	x				CP-4005	:	TRN	

RE QUIRE	FUNCTIONAL FLOW DWG.	PROCE ALLOCA	SS TION B	DEVICE IDE	NTIFICATION	CON	TROL	PERSO	ONNEL	TRADEOFFS		OPMENT JIRED	VERIF METI	ICATION HOD(S)	N PARA	GRAPH	NOS.	RESP.
ALLOCAT SHEET FUNCTION NUMBER	NO. 10 0  PERICES AND PONTION GESENATION AND  TITLE* ACS TELEMENT  GSFC. SPEC. PAR. NO (7 14 2 1)  FUNCTION REQUIREMENTS	HARDWARE SOFTWARE MANUAL		А	В	A	В	А	В		A	. В	N.A. INSPECTION	ANAL. DATA DEMONST.	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC.	
10 1	ASSELVE DECOMMUNATED SATELLITE HEALTH DATA.  ACCEPT DATA FAMILTHE POH SATA NANDLING EQUIPMENT (NEWL TINE OR TAPE REPLAY)	x x x :		COMMITTER 1/D CONTROLLER PCM TELEMETRY PROCESSING FUNCTION	COMPUTER 1/O CONTROLLES POR TELEMETRY PROCESSING FUNCTION	OPERATIONS Namual	OPERATIONS Minual	PROCECUME PROCECUME	FEXED PROCEDURE		SDFTWARE BEVELOPHENT	SOFTMÄRE OSVELOVMENT	x		33112	2 <sup>4</sup> CP-5008	3 4 1%)	TRW
10 2	OISPLAY DEXOMMETATED DATA AND OPECK DUM.ITY DISTRAY SELECTED DECOMMETET DEALTH MATA ON THE DISTRAY DOWN TOWN CAPPER CHECK OWEN STRANSMITATION INDIRATES	х	( x	PCH THE, AND STRIP CHART RECORDERS	PON DHE, ARD STRIP CHART RECORDERS	OPERATIONS MANUAL	OPERATIONS MANUAL	yaqiable Pnocedure	WARIAGLE PROCEOURE				x	:	33112	2.9	3 4 hg)	JER
103	MODETTO DATA FOR STATUS/LIMIT CHANGE OR ANDMALOUS EDAMING AND RESPLAY  CHECK MATA FOR STATUS, LIMIT, OR AN AMENALOUS BEHAVIOR CHANGE PRIMITE ALARMS, KIEN MPPLICABLE	XX	z :	FOR TELEMETRY PROCESSING FUNCTION OCC CONSILE DISPLAYS	PCM TELEMETRY PROCESSING FUNCTION PRINTOUS	SOFTWARE	SOFTWARE	жоне	VARJADLE PROCECURE	DESREE CF SOMUSTICATION OF ALARM SYSTEM	SOFTMARE AND DISTRAY DEVELOPMENT	LIMITZO SOFTWARE DEVELOPMENT		x	3311			TRE
10-4	UTBNIC SATULLITE HEALTH DATA DASE AND TROUB FILE BYANT DATA DASE AND TROUD FILE TO REFLECT CURRENT PREMITER STATUS	×	x	PCM TVI PROCESSING FUNCTION	TECHNICAL SUPPORT PERSONNEL	SDFTWARE	OP ÉRATIONS NATURE.	KORE	VARJABLE Proceoure	ANTOMATED VERSUS NAMINAL BATA BASE AND TREND FILE UPKEEP	SOF THARE DEVELOPMENT	OPERATIONS PROCEDURES	X		33112	2 4 C9-5010		KAL
10 5	CONNUTE AND PRESENT HEALTH PRANCETERS  CONNERS SELECTED DATA PRANCETERS TO EMOSTICEREMO UNITS (AB DISPLAY)	* *	х	POH TN PROCESSEND FUNCTION OCC COMSCLE DISPLAYS	TECHNICAL SUPPORT PERSONNUL	SOFTWARE	OPERATIONS MANUAL	FIXED Procedure	WARLABLE PROCEOURE		SOFTMARE DEVELOPMENT	OPERATIONS PROCESURES	X			CP-5009	3 4 1k)	T29I
10 5	CALLIATE SPACECOAFT AND SEASOR PERFORMANCE ON A QUIEK LIGHT RESIS.  REVIEW KEY SATELLITE PARAMETERS FOR A QUIEK JOSSENST OF SATELLITE REALTY	×	x	SATELLITE OPERATIONS AND TECHSICAL SUPPORT PERSO-WEL	SATELLITE OPERATIONS AND TECHNICAL SUPPORT PERSONNEL	OPERATION MANUAL	OPERATION HANUAL	OPEN END DECISION MAKINS	OZEN ÉKU BZCISTOR MAKINS		OPERATION HMRUALS	OPERATION MARIUMLS		X			3 4 15}	YAT
10 7	PREPARE QUIEX LOOK REPORTS  PREPARE A VALITEE SEPARAT OF YET SZEELLITE PARAMETERS REFLECTIRS SATELLITE STANDS	X X	x	POM TK PROCESSING FUNCTION TECHNICAL SUPPORT PERSONNEL	TECHKECKL SUPPORT PERSONIOL	OPERATION MANUAC SOFTWARE	OPERATION MANUAL	GUIDED DECTSION Maxims	OPEN END OECLSION HARTIN:		SOFTMARE Develophent	SOFTMARE DEVELOPMENT	X	Adam - ya dala ini ini alau kun sakini da ay kilipin ya dala ini da		CP-4903	3 4 Tjj)	TRIM
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REQUIRE	FUNCTIONAL FLOW DWG.	PR ALL	OCES OCAT	S IDN B	DEVICE IDE	NTIFICATION	CON.	rrol.	PERSO	ONNEL	TRADEOFFS	DEVELO REQL	OPMENT TIRED	YERI ME	FICAT	ION S)	PARAC	GRAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	TITLE: DOS TELBERTY (CONTINUED)  GSPC. SPEC. PAR NO(7.14.2.1)  FUNCTION REQUIREMENTS	HARDWARE SOFTWARE			Α	В	A	В	A	В		A	В	N A.	ANAL. DATA	TEST	GDHS SPEC. occ sueryster p-13760	SOFTWARE SPEC.	PERSONNEL SPEC.	
10 8	RECORD PROCESSED SATELLITE IN DATA RECORD IN DELETERING UNITS, OH AX ESTANCERING RECORD TAPE, A SAMPLE OF EACH TW PARMYTER	X X	x	x	PCH THE PROCESSING FUNCTION TARE RECESSION	PCN TM PROCESSING FORCTION TAPE RECURDER	SOFTWARE	SOFTWARE	номе	NONE		SOFTWARE DEVELOPMENT	SOFTMARE Development				33112	4 c>-so10		тау .
30 9	PERELYS DECOMPONATED DES BAYA.  ACOPT DES DECOMPONATED BAYA FROM BAYA HAMBLING BYUPPERS' (REAL-TIME OR TOPE ROPLAY)	* *	r	x	COMPUTER F/O CONTROLLER PON TELEMETRY FROCESSINS FUNCTION	CONSUITER I/O CONTROLLER POM TELEMETRY PROCESSING FUNCTION	SOFTMARE	SOFTWEE:	нопе	MONE		SOFT <b>MA</b> RE	SOFTWARE	x			3 3 1 T Z	•		Tisi
10 16	HONITOR DCS BATA QUALITY  CCS DATA SHALL BE MORITORED TO ENGINE PROPER MESSAGE STRUCTURE INCLUDING ERROR ENCODING	x		x	PCM TELEMETRY PXPCESSING FUNCTION	PRINTER TSCHRIGAL SUPPORT PERSONNEL	SOFTWARE	OPERATIONS Hadrial	INO NE	VARLASLE PROCEGURE		SOFTHARE	OPERATIONS PROCEDURES			x	33112	4 cr-5005	3 4 16)	134
30 11	PREPARE DES MAGNETIC TAPE  A DES ONTA MAGNETIC TAPE SHALL DE GUNDATED	x x	x	x	PCH TELEMETRY PROCESSING FUNCTION HARROWEAND TAPE RECORDER	PCM TELEMETRY PROCESSING FUNCTION MSRROWSAND TAPE RECORDER	SOFTMARE ,	SOFTMARE	;			\$DETNARE	SOFTWARE		X		33112	4 CP-5010		TRH
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ALLOCATION NUMBER	TION TITLE PROPRIES PREMICTION GSFC. SPEC PAR, NO. 17 14 2 11 FUNCTION REQUIREMENTS	HARDWARE	MANUAL	HARDWARE	MANUAL	A	В	A	В	A	В		Α .	В	N.A.	INSPECTION ANAL: DATA	DEMONST.	GDHS SPEC	SOFTWARE SPEC.	PERSONNEL SPEC.	
11 1	PETRIEVE AND DISTRAY TREND ENTA  RETRIEVE AND DISPLAY DATA PASSASTIES FROM THE SPACKGRAFT AND SUMMER FEBRUAR TREND BATA FILE	x			x	POH TH PROCESSING FUNCTION OCC CONSOLE DISPLAYS	ANGLYST TREMO FILE	50FTWARE	TEGHNICAL SUPPORT DAYN AMALYST	KONE	WARIABLE PROCEDURA		SOFTMARE DEVELOPMENT	RIGID DATA HANDLING PROCEDURES		х		3311	: 5   2 1   CP-5000	3 4 1,j)	HAT
11 2	RETRIEVE AND DISPLAY SELECTED SATELLITE PRODUCTERS RETRIEVE AND DISPLAY AND ADDITIONS. THROUGHTED AND ADDITIONS SELECTED SAVELETE PROPORTIES FELETION TRAIN AND LISTS	x 2		x	x	PCM TH PROCESSING PUNCTION DCC CONSOLE DISPLAYS	ENGINEERING RECOND TAPE RECONDER- PRINTER AND STRIP CHART RECURDER	SOFTMARE	TECHNICAL SUPPORT DATA AMALYST	KDME	WARTANDE Prodesture		SOFTWARE DEVELOZHENT			x		3311; 3311;	5 2 1 CP-5090	3 4 3.j)	TRN
113	ANALYZE SATELLITE TARBO DATA  S.SCO DI TORNO DATA FILE AND SELECTED ENTELLITE OF AMERICA BUSFLAYS, PERFORM A TREME ANALYSIS AND COMPARE WITH EXPECTED TREMES	x	x		×	ODC DUNSOLE DESPLAYS PCH TH PROCESSING FUNCTION SPECIAL PRESENTATION FORMATS	TECHNICAL SUPPORT DATA MALYST SPECIAL PRESENTATION FORMATS	NARMELY PREPARED TREED CURNES	TECHNICAL SUPPORT DATA ANALYST	GUIDED DECISTON MAKING	OPEX END DOUESTION MARCHO	DECREE OF SUPPLICATION OF SUPPLIES DETERMYS AND MARKEN OF PREMICTIES USE OF SLIVES WITH CRY DISPLAYS	SOFTMARE DEVELOPMENT SPECIAL PRESENTATION FORMATS	SPECTAL PRESENTATION PREJUNTS		х		33114	6 2 1	3 4 7.)	TRM
11 4	IDENTIFY PUTENTIAL PROSLEYS AND SEND ALAMS NOTE ARRANLES IN THEMO DATA AND ALERT OPERATIONS DIRECTOR	x x	x .		х	PEM TM PROCESSING PUNCTION GCC CONSOLE DISPLAYS	TECHNICAL SUPPORT DATA AKALYST	HARIOLLY PREPARED TREND CURVES	TÉCHHICAL SUPPORT BATA ANALYST	GUIDED BECISION MAXING	OPEN END BECISION MAKING		SOFIMARE			x		33112	5 21	3 4 13)	Yew
11.5	RETAIN SELECTED RESULTS OF TREND ANALYSIS SEPART POTENTIAL, PROBLEM TREND ANALYSIS FOR FUTURE COMPRESSON PURPOSES		х		x	OPERATING HANNEL	TÉCHRICAL SIRPÉRIT DATA ANALYST	OPERATING MANUAL	TECHNICAL SUPPORT DATA ANALYST	WARIASLE PROCEDURE	VARIABLE PROCEDURE					x		: :		3 4 73}	TRM
11 6	PREPARE LIST OF HOUSEREPLING FUNCTIONS  PREPARE A LIST OF CORRECTIVE OR DIRECTOR SAFELLITE EVENTS BASED ON TREPO ANALYSIS AND SURSEQUENT DIRECTORS		х		x	GPERATIONS MAJUAL	SATELLITE OPERATIONS PERSONNEL & TELHNICAL SUPPORT BATA AVALYST	OPERATIONS Manual	SATELLITE OPERATIONS PERSONNEL & TECHTICAL SUPPORT DATA ANALYST	OPER END DECISION MAKING	GPEN END GECTSTON HAKING					x				3 4 1g)	TEN
11 7	PAREARE TREAD DATA SURVANT AND REPORTS  GENERATE MALTTEN REPORTS OF RESULTS OF TREAD ANALYSIS		x	Management of the second of th	x	OPERATIONS MARIJAL	TECHULAL SUPPORT DATA ARALIST	OPERATIONS HARDAL	TECHNICAL SUPPORT DATA ANALYST	OPER END DECISION MAKENS	UPEN END DECESION MAKING		·			x				3 4 lg)	TRY
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REQUIRE	EMENTS	FUNCTIONAL FLOW DWG.		ROCE OCA	SS TION	DEVICE IDE	NTIFICATION	CON	TROL	PERSO	DNNEL	TRADEOFFS	DEVEL	OPMENT JIRED	VER	IFIC	ATION D(S)	PARA	.GRAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	TION	NO. 12.0 TITLE MEEDITIAL ATTEMOR BETERMINITION GSFC. SPEC PAR. NO. FUNCTION REQUIREMENTS	HARDWARE SOFTWARE >>	MANUAL. HARDWARE	SOFTWARE OF	A A	В	A	В	À	В		A	В	1 .		DEMONST.		SOFTWARE SPEC,	PERSONNEL SPEC.	
12 1			x x		x	THREE RATE GYRDS	SPACECRAFT RE- ALT FOR WHEELS	SOFTWARE	SOFTMARE	MONC	коме	NONE	MOME	моне	x			33124			TRAY ,
12 2		<u>urgooy rotht onta inge</u> renated by 5 <b>0</b>	хх		x	STAR FIELD SCRINER (SLIT OR SCAUS TYPE)	HORIZUN SCANGER AND YAM BYRO	SOFTHARE	SOFTMARE	NORS	NOME:	NONE	SOFTWARE Gevill Ophizit	нане	X			33124			TRM .
12 3	<u>AUTITIA TEGE</u> FAD BEUTITFA	CATA A FOR TIMES OF SENSOR OPERATION 15 PULLED	X			ATTITUSE DETERMINA- TION SOFTWARE	- MONE	SOFTWARE DATA BASE	XONE	HONE	MONE	More	COMPLETE SOST- MARE DEVELOPHENT	MOKE	X						TRH :
12 4	GETERMINE UNIO OUTPUT OF 12	PERSON THE 1 IS CONVERTED TO UNIVERSAL TIME	x		¥	X SPACEORAFT TIME/ UNIVERSAL TIME COMMELATION SOFT- VARE	SPACEERAFT TEME/ UNIVERSAL THE ROD SPACEERAFT CLOCK SIMULATOR	SOFTMAKE DATA BASE	MENE	<b>(40%</b> -E	FEXED PROCEDURE	SBFTHAPE CLACK TO THE	COMPLETE SOFT- Mars revelopment	SIMULATION HARDMARE/ SUTTIMES DEVELOPMENT	x					34 lm)	TRM
12.5	GENERATE EMEM	ERIS ATTITURE/THME DATA TWPE	x			ATTITUDE DETERMINA- TION SOFTWARE	ROHE .	SOFTWARE DATA BASE	NOME	NOVE	MORE	ную	COMPLETE SOFT- MARE DEVELOPMENT	40ctE		x					TDY
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REQUIRE ALLOCA SHEET FUNCTION NUMBER		NO 13 0  TITLE MAINTAIN AND RECORD OPERATIONAL STATUS  GSFC. SPEC PAR NO _(7 14 2)  FUNCTION REQUIREMENTS		HARDWARE	SOFTWARE	A A	В	Α	В	А	В		А	В	N. A.	ANAL. DATA	DEMONST. TEST	GDHS SPEC.	SOFTWARE SPEC	PERSONNEL SPEC.	
13 1	MAINTAIN SPA UPDATE SWA SENSOR STA	LECOPT AND SERSOR STATUS SERVENT HEALTH AND STATUS DATA IN THE DATE BASE UPDATE RIS AND IDENTIFY VISEO AND FOR RECORDER CONTENTS	х			X BATA SASE UPDATE ROUTINE, OCC POSITOR	data ternucian	PROGRAM IMPUY VEA ALPIRA- MURENT KEYBOARD AND CARD READER	MANUAL MANUAL	EUIOED YARTABLE PROCEDURE	VARIABLE PROCEDURE	HETHOD OF DATA STORAGE	DATA SYEMAGE AND RETAILVAL SOFTWARE	STATUS FORMAT		x			CP-5000		TRW
13 2	HAINTAIN GROS EVALUATE AS CARRINI CAT INSURE PROS READINESS	NO EQUIPMENT STATUS D CONTROL OPPORTUDIES STATUS OF THE OCC. MONITOR OCC. COMPUTE DESTATUDIS AND DATA EXPELLING UN DATA NOUTLING SASED ON DATA VOLUME AND EQUIPMENT	x	х		X EQUIFMENT MUSTINGLING SOFTMARE, OCC MUSTINGS	осс начетояs	CARD REAGER INFOT AND EQUIPMENT MAINALS	SQUIPHERT Marials	GUIJED VARIALLE PROCEDURE	YARIASLE PROCEDURE		EQUIPTENT POSTTORING SCF IMABE			x .				:	TRAT
13 3	COMPARE CURRY COMPARE 1.11 PLANGED EVI OPERATIONS	THY GREDATIONS TO PLANIES EVENT LIST SING OF ACTURE SYSTEM BYENG TO PREVIOUSLY DERIVED BY LIST TO LOCATIFF DEVIATIONS FRAM MOMENTAL RUNS	х	x		X COMMUTER LISTING OF EVERIS	DCC 0/SEATIONS BIRGCTOR			variaels Proceedre			EVENT LIST DISPLAY ROUTINE	AVBUT LIST PRINT ROUTING	;	×					тка
13 4		S OF USER REQUEST FILE BUR REQUESTS WHICH WERE NOT COMPLETED	x	x		Z OCC MONETGR	OCC TEERNION SUPPORT PERSONNEL			WARIABLE PROCEDURE		,				X			CP-2003		. YRY
13 5	REPORT SYSTEM PREPARE PER PARAMETERS	COPERATIONS SURVIVEN DOUGH PRINTING OF PERSONNANCE, SYATUS AND HEALTH OF ESPACESHOPT AND GROUND DATA SYSTEM	x	x.		X PRIGIPOUT ROUTINE. OCC TECHNICAL SUPPORT PERSONNEL	OOC TEERMICAL Lijppont Fersonhel			YARIABLI PROCEDUM			SUPPLIES PRINT ROUTINE	SCHARY FORMAT		x			CP-5000	:	TBW

RE OUTRE	FUNCTIONAL FLOW DWG	ALLDCA	ESS TION B	DEVICE IDE	ITIFICATION	CDN.	TROL	PERSO	DNNEL	TRADEOFFS	DEVELO REQU	OPMENT IRED	VERIE MET	ICATIO HOD(S)	N PAR	AGRAPH	NOS.	RESP.
REQUIRE ALLOCA SHEET FUNCTION NUMBER	TION NO 14 0 1 10 11 11 11 11 11 11 11 11 11 11 11	HARDWARE SOFTWARE MANUAL		Α	В	A	В	A	В		A	В	N.A. INSPECTION	ANAL. DATA DEMONST.	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC.	
36 1	DETERMINE PANLARA SCHOOR COVERAGE  OTTERMINE ACTUR. SCHOOR COVERAGE EASOD UNON A PLANNED OF (OR COPPAND LIST) AND ACTUR. SCHOOR SHRITER BATTA	x	r	SENSOR AND DCS EVALUATION FUNCTION	SATELLITE OPERATIONS PERSONNEL	SOFTMARE	OPERATIONS HANGAL TRAINING PROCESSES	KORE	VARIABLE Fancedure	AUTOMATED VS MANUAL SENSOR COVERNOR FRUITLIMENT DETCHMENTION	SOFTMARE DEVELOPMENT		X			C7-6003		TEN
14 2	REPORT MISSION OPERATIONS AS REMANDS SENSON COMERAGE GONDATE A MOSTERN PROBABLE REPORT OF SENSON COMERAGE R MULTICLES SENSOR CHMENCE.	X X	×.	SERCES AND DCS EMALISET FOR FUNCTIONS OPERATIONS FERSONNIL	BPERATIONS FERROGRAD	SOFTMARE Operations Manual	operations Harring	GEFLOOD VARIABLE PROCESSOR	VASTABLE FROCEOURE				X X			CP-608G	Annual Marketing and the second secon	
14.3	UNINTE USER REQUEST FILE  BASED ON COVERIGE ARRESTED, UPDATE USER REQUEST RYPHT F	x x	X	GROUND SCHEDULING FUNCTION	6PDSATIONS PERSONNEL	SOFTMARE	OPESATIONS HARUAL	CLITOED VAZIASLE PRO CEDUNE	WARIABLE PROCEDURE		SOFTMARE Bevielopment		x			£2-2003		16M
14 4	WEATE ARCHIVAL FILES TO REFLECT SOMEON OPERATIONS UPDATE THE HISSION HISTORY FILE ARSED ON COMPLETED MISS	X X	X	GROUND SCHEDULTES FUNCTION	DFERATIONS PERSONNEL	SOFTMARE	GPSRATIONS X-YHIAL	GUIDED VACEANE PROCECURE	WARINGLE PROCEDURE		SOFTWARE DEVELOPMENT		- X					<b>104</b>
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REQUIRE	EMENTS	FUNCTIONAL FLOW DWG.	LAL	ROC	ESS ATIO	DEVICE IDI	ENTIFICATION	СОИ	TROL	PERS	ONNEL	TRADEOFFS	DEVEL REQ	OPMENT JIRED	VERII MET	ICATIO	N PA	ARAGRA	H NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	TION	TITLE SECRIVE AND STORE REAL TIME VIDEO DATA  GSFC. SPEC, PAR NO. 7 14 2 1  FUNCTION REQUIREMENTS	HARDWARE SOFTWARE	MANUAL	HARDWARE SOFTWARE	A A	В	A	В	А	В		A	В	-	ANAL. DATA DEMONST.	$\overline{}$	SOFTWARE	<del></del>	
15 1	<u>RECEIVE REA</u> THIS FUNC AT 15 4 H	L. THE VIDEO TION INCLUDES COFFER HAPLETICATION OF RSS/PCII PPS AND RSM/FILEO AT 3 % HAY BANBETOTE	x			NTTF/GDAS CARLE LINK	140eE	НОКЕ	BOYE	MONE	NEIGH E	MOXE	Haxe	ROYE	x					TRM
15 2		<u>MSS REAL TIME VIEED</u> LL OMSSIST OF 25 OMNUMELS OF MONLONIA AT APPROXIMATELY	X			NULT BAND DATA HANGETHS EQUIPMENT	поне	DHE CONTROLS	моле	MORE	MONE	MORE	F2NE(GFE)	МОКЕ	K					TRM
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REQUIR	FUNCTIONAL FLOW DWG.	ALL		TION	DEVICE IDE	NTIFICATION	CON	TROL.	PERS	DNNEL	TRADEOFFS	DEVELO REQU		VER	IFICA	(TION O(5)	PARAC	GRAPH		RESP.
ALLOCA SHEET FUNCTION NUMBER	TITLE- MINITOR RT VEDSO  GSFC. SPEC. PAR NO.	HARDWARE SOFTWARE		SOFTWARE	A	В	A	В	A	В		A	В			DEMONST.	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL. SPEC.	 
16 1	SECELY COPYATIONERS HAS SATA ACCEPT BATA PROS SINE	x	,		MIDEBANO DATA HANTING EGUIPMENT	HIDEBRNO DATA HANCEING EINHPHENE	non±	Бале	More	MOVE	MOSIS	Бара	HONE			x				TRM
le Z	DISPLAY NS CATA DISPLAY DECOMPLITATED MSS DATA DW A-SCAN CRT.	x			A-SCAN CRT	A-SCAN CRT	SATELLITE OPERA- TIONS PERSONNEL	SAFELLITE CPERA- TIONS PERSONNEL	MOME	NONE	Rüse	ndre	наме		x					TRW
16 3	BECEIVE AND RECORD RAY VIDEO GATA ACCEPT AND RECORDS PAY OUTA	x			NTOEBRARD DATA HARRIANG EQUIPMENT	ATAG CHARGOTM DAIL CHAR THE RETUGE	NOTIE	KOS E	HOME	NONE	MONIC	None	HONE	×				!		TRW
16 4	POONING VIEW SCAN CONVERSION PERFORM SCAN CONVERSION (N. 287 YIDO)	x	,		ROV SCAN CONVERSION EQUIPMENT	RBV SCAN COMVERSION EQUIPMENT	MONE	ы́ди€	ERPA	жоне	MONE	мэне	NONE	λ						TRAF
16 5	SELECT DESIGN VIDEO DISPLAY SELECT I OF 3 VIDEO SEGNALS FOR DISPLAY		x	,	VIDEO CNOSSBAR SKITCHING UNIT CHANNEL SELECTOR	VIOLO CROSSBAR SMITCHING WHIT CHANNEL SELECTOR	SATELLITE Greations Disector	SATELLITE CPERATIONS DIRECTOR	FIXSO PROCEDURÉ	FTXE9 540CEDURE	6X8X	NOME	MONE		x					TEX
16 6	<u>OLSPLAY YIBRO 18 ARM, THRE OR REAR ARM, THRE</u> DISPLAY RBY YIDRO ON CRT	x	X	×	C SATELLIYE OPERA- TIONS CONSELE CRT VIDEO TAPE RECORDER	SAYELLITE OPERA- TIGHS CONSOLE CRI VEDED TAPS RECORDER	MANUALLY-COM- TROLLED FRAME SELECT SMATCHES EASYING AUTO- NATIC SELECTION SQUEWENT	H'MUALLY-CON- TROLLED FRAME SELECT SWITCHES ORIVING AUTO- HATIC SELECTION EQUIPMENT	FIXE9 PROCEDURE	FIXEM PRÓCEBURE	FRAME ABENTIFICATION FOR PLAYERCK, ANTOMATED TERRUS MARKEN	DEVELOP AUTO- MATED SYSTEM DESIGN INCLUD- ING SOFTMAKE	HONE		x				ļ	TRIV
16.7	EVALUATE SENSOR PERFORMACE  ENGLISH INS ARE FOR QUALITY EVALUATE RBY DNSES FOR QUALITY (MAD CLOUD COVER.	x	x :	,	SATELLITE OPERA- THOS CONSOLE RS/ CAT MSS A-SCAN CRT TECHNICAL SUPPORT SENSON SPECIALIST EVALUATION AIDS	SATELLETE OPERA- TIONS DORSOLE REV CRY HSS A-SCAN CRY TECHNISCAL SUPPORT SERSOR SPECIALIST EVALUATION AIDS	SATELLITE OPERA- THOUS DIRECTOR OPERATIONS HAMMAL	SATELLITE OPERA- TROPS DIRECTOR OPERATIONS MANUAL	GPÄN <b>END</b> GEGISION MAKING	MAKING DECISION OPEN END	, MUE	N O NAC	NONE	x						TOPN
16.8	SPECIFY CORRECTIVE MEASURES  UNITED THE RECTION REQUISION. IF MECESSRAY, TO THEFTIE SEASON CONTRASE OR TOMOS (OLIVITY (RES AND 1887)		x		SATELLITÉ OPERATIONS AND TECHNICAL SUPPORT PERSONNEL		OPERATIONS HANUAL	OPERATIONS MANUAL	OPER END DECISION MARING	OPEN END DECISION MARZING	noxa.	HONE	360%		×					TRH
16 9	GENERATE (MUCK LOOK BEPORTS)  QUICK LOOK REPORTS SWALL BE SERENTED REPLECTING ALL ASSECTS OF SERSOR MISSION PERFORMANCE		x	)   x	SATELLITE OPERATIONS AND TECHNICAL SUPPORT PERSONNELL	SATELLITÉ OPERATIONS AND TECHNICAL SUPPORT PERSURMEL	SATELLITE OPERATIONS PARSONNEL	SATELLITE OPERATIONS PERSONNEL	OPEH END DECISION HARING	OPEN END LECISION MAKING	NOME :	NONE !	NONE		×					TRM
	<u> </u>													$\perp$		Ш	Щ_		GE NUM	BER 19

REQUIR	EMENTS	FUNCTIONAL FLOW DWG.	A		ESS TION B		NTIFICATION	CON	ITROL	PERS	ONNEL	TRADEOFF\$		OPMENT JIRED	VERIF MET	ICATIO	N PAR	AGRAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	_	TITLE: PREPARE PRIME ANDINITATION DATA GSFC, SPEC. PAR NO. 7 14 3 2 1/7 14 3 2 2 FUNCTION REQUIREMENTS	HARDWARE SOFTWARE	MANUAL	SOFTWARE	A NANDAL	В	A	В	A	В		A	В	N. A. INSPECTION	ANAL. DATA DEMONST.	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC.	
17 1	CORRELATE SA	STRLLIFE CLOCK AND GROCIO TIME WITH TIME HISTORY	x			SOFTNARE	ANCALE	DATA DASĘ				NONE	COMPLETE SOFTMARE DEVELOPMENT	MONE		x		CP-3D34		TERM
172	MERGE DRBIT	AND THE PAIA	x			SOFTHARE	NONE	BATA DASE				ININE	COMPLETE SOFTMARE DEVELOPMENT	SOME		x		CP-12005		164
17 3	DBK€L/TE AKO :	ASSOC ATTITUDE DAVA AVTHI TIPE SATA	x			SOFTMARE	IMME	data base				KOME	COMPLETE SOFTMARE DEVELOPMENT	NONS		x		CP-12005		184
17 \$	EXTRACT PLETO <u>Ple</u> ture cente	USE TIME, ASSO ORBITYSTILLIDE BATA. CONTUTE SIR MAGES. Of and realing	x			SOFTHARE	NONE	data pass	•			AMILYTICAL VERSUS VECTOR METHODS	COMPLETE SOFTMARE DEVELOPMENT	HCME		x		CP-11001		164
17 5	COXOPUTE LOCAT	TOU OF I LOS MANS	x			SOFTMARE	NONE	DATA BASE				NONE	OCCULETE SOFTWARE DEVELOPMENT	85ME		x				гви
37 6	nedge all fra	NZ AMBITATION PARAMETERS	x			SOFTMARE	3004€	DATA BASE				VOAE	.COAPLETÉ SOFTNÁKOE BEVELDPMENT	NO:3E		x		EP-12007		12%
17 7	<u>generate fram</u> e	e annotatica data Tapes	x			SOFTWARE	NORE	BATA BASE				RONS	Complete Softmare Development	kohe		x		CP~12007		IBM
17 8	ENCTRALIZE INCO	ELANSTRUCT FILE	x			SOFTWARE	HERE	DATA BASE				PONE	COMPLETE SOFTMARE DEVELOPMENT	моне		x		CP-1306)	Ė	1654

REQUIRED TO PRODUCE SECURIOR S	RECHIREMENT	FUNCTIONAL FLOW DWG.	PRI ALLO	CESS CATIO	DEVICE ID	ENTIFICATION	CON	TROL	PERSO	DNNEL	TRADEOFFS		OPMENT JIRED	VERI ME	IFICA THOD	TION D(S)	PARA	GRAPH	NOS.	RESP.
18 1 FIX. ME STREET, SALE STREE	SHEET	TITLE DETENDE PRECISE SPACEORAT ATTITUDE GSFC SPEC PAR. NO. 271431112  FUNCTION REQUIREMENTS				В	A	В	Α	В		A	В	N A.	ANAL. DATA	DEMONST. TEST	GDHS SPEC.	SOFTWARE SPEC,	PERSONNEL SPEC.	
TO STANDED TO HAVE A SOCIALLY TREATING DATA BASE OF SOCIALLY TREATING DATA BASE OF SOCIALLY TREATING DATA BASE OF SOCIAL TREATING DA	IA I FILTER O	THEREOIS AND ATTITUDE DAYA	x			ROKE	DATA BASE	None			KARILHAIN MERSUS LEAST SQUARES	softwäre Bevelopment	PEDSE					CP-11003		TRN
NOSE SOFTMACE NOSE X P-11607 TOST	18 2 MEASURE	салова телен	I		X SOFTMARE	SPECIALLY TRAINED PERSONNEL	DATA BASE	operations manual			HAMKAL VERSUS SOFTMARE	CEPTLETE SUFTMARE	CORPLETE OPERA- TIONS AREA TRANS TRANS CONTRACTS			x	,	CP-11110		TRIF
TO COMPUTE UPDATED ATTUTION VICLUES AND PAIRS X DEVICUOSMENT NOVE X P-17607 TOWN								4.											and the state of t	
	18 3 <u>СОМРИТЕ</u>	UPANTED ATTITION VALUES AND PAISS	X		SOFTMARE	изне	DATA BASE	MANE			изад	TOTMARE BEVELOPHENT	NONE			X		P-11007		TRM

		FUNCTIONAL FLOW DWG.	PI	ROCA	SS TION	DEVICE IDE	NTIFICATION	ĻΟΝ	TROL	PERSO	INNEL	TRADEOFFS	DEVELO		VERI	ICATIO	ON PAR	RAGRAPI	NOS.	RESP.
REQUIRI ALLOCA SHEET FUNCTION NUMBER	TION	NO 19 0  TITLE BULK PROCESS PRIV TAPE  GSFC, SPEC, PAR, NO. 7 14 3 2  FUNCTION REQUIREMENTS	HARDWARE SOFTWARE >>	1	В		В	A	В	A	В		REQU A	В	Į.	ANAL. DATA DEMONST.	j.	SOFTWARE SPEC.		
19 1	SSLECT VIDEO I TAPE IS LOS PROCESSIAS	GED FM. RELATED TO ANNOTATION DATA, AND PLACED IN		×		MON E	наях	86%E	NONE	PIXED PROCEDURE		None	Home	RONE	x				342 (	11EK
39 2	THE VIDEO 7	DOED ON HIGH STREITY DEGITAL TAPE MRC IS DIGITIZED AND MEDGED WITH AMBITIATION BRITA TO GROUNTE THAT OF REPUBLION OF LESS, SHEW OF EMBULIE, PRODUCTION OF CHRONIES REALMAGE TAPES FOR RICHIVAL FILTING	x x			AMPEX VIE/R, RRY PROCESS LINE CON- TROW, UNIT, HIGH DENSITY TAPE CON- TROW, UNIT, HIGH DENSITY TAPE CRIVE UNIT	NONE	NONE	MONE			N3SE	RBY @ U, HDTCU, AND HOTOU MUST BE BEYELOPED	NDNE	x		3 3 1	1 3 1-3 cp-148 1 3 1 1 1 3 1 4 1 3 2 2	19	104
19 3	DUPLICATE DIGE IF UNCORREC ARE MADE AT STANDARIZED	TED COMPUTER REAGABLE TAPES ARE REQUIRED BY USERS, THEY TRES POINT BY BUPLICATING THE HIGH DENSITY TAPE ONTO	x			HEGG DEUSITY TAPE CONTROL UNIT, HEGG DEUSITY TAPE DRIVE UNIT, 1500 BPJ TAPE MECORDER	NOME	NOME	MORE			NOVE	HOTCU AND HOTOU MUST BE DE- VELOPED	NOTE	x		9311	3 1 4		1841
T9 4	RECORD ON FILM THE INSIGE D GREY SCALES	nta is recorded on film with decomposity trok marks and Thom the uital bensity yape to the lar	x			HOTCU, IIBTOU, LSR	NOVE	HOME	NOME			мом =	FOYCU AND HUYDU MUST OF DE- VELOPED, CURRENT LOR DESIGN MUST BE MODRETED	ЭНОК	x		331	314		1691
19 5	ADD ALPHOMERIC THE ALPHANU INTEGRAÇO	MERIC PART OF THE AMMODATION IS ADDED AT A DRI STATION	x			EKCO YERSAMAT	NORE	экон	ZPÜKÉ				LRR MUST HE MODI- FAED TO INCOR- FORATE OR FAID ON THE CRY STATION	NO.YE	r		3 3 1 1	323		IBH
19 6	PROTO PROCESS STAYDARD B : PROCINCT (BUT PROTO LAB.	IN PROCESSING OF LER OUTPUT, FIRE DEPLICATION OF THIS K. 1) FURTHER PRINTING AND PROCESSING IS DONE IN THE	×				NONE	ноне	NONE	WARLABLE PROCEDUPE		NONE	NORE	PONE	x					JTEE
19 7	SCREEN, ESTEMAT ONE CHANNEL RECORDED BY CLOUD FREE A	E CLOSS COVER.  FERTILS FOR THE STEEL SHEETED FOR FLOSO COVER, CLOSS COVER FRANCIS FOR THE STEEL SHEET STEEL SHEET	x	x		COMPUTER, EM- CODER, BATA LOGGER, COMPUTER 1/10 STATION	коле	Manuri	MCPREE .	VARIAGLE PROCERURE		entrie.	XONE	• 79DNE	x		3 1 2	4	342 1	) ITEX

REQUIR	FUNCTIONAL FLOW DWG.	Ţ	P AL!	_0C	ESS ATION B	DEVICE IDE	NTIFICATION	CON	TROL.	PERSO	ONNEL	TRADEOFFS	DEVELO REQU	OPMENT PIRED	M	ETHO		LAKA	CRAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	TITLE: BULL PRICESS REV TAPES (CONTINUE)  GSFC. SPEC. PAR NO. 71432				HARDWARE SOFTWARE	WANDAE A	В	A	В	A	В		А	В	Ä-A.	INSPECTION ANAL. DATA	DEMONST.	GDHS SPEC ROFF SUBSISTER D-13600	SOFTWARE SPEC.	PERSONNEL SPEC.	
19 B	NEASBRE RESERVE BASEAU FRINT PASSITIONS ARE MEASURED IN THE EGGUTER BY DISEIVAL COMMERCITION PLOUBLING		×			NONE	MORE	ROME	พอฟ≘ี			моне	Youe	NONS	x			1	CP-14006		ISH
19 9	SCLEET AUTTRURE DATA ATTITUDE DATA FOR SEYSTONE CORRECTION IS TAKEN FROM AMAGMATION	TAPE	x			MONE.	KORIE	MONE	може			- NORE	ЭМСя	KONE	x				CP-14005		ĊBM
19 15	OCHEQUE COMMUNITÉ TRANSFORMATION BESERVE AND ATTITURE DATA ANE UNED TO PREMARE CORRECTION DISTRIB FOR PER	CT IONS	x			MOXE	rione	NOME	AONE			ROXE	HONE	эмси	×				CP-1761		13H
19 11	220FARE CORRECTED COPIES THE COLUMNITIES REFUNDES RAGUT ACODA INSTRUCTIONIS WHERE COMPTON, TO FERENCINO PIES PPE TO PERDUCE OFFICEA CORRECTIONS ON THE THORY PRESISTANT OF OFFICEA, AND IS SECURAL, TO A PIETENISE BELLINEAR AND INTERPORATION FOR FUNDAMENTAL OF THE CORRECTION THANK TOWNS THE PROPERTY OF THE PROPERTY OF THE CORRECTION THANK TOWNS THE PROPERTY OF THE PROPERTY OF THE CORRECTION THANK TOWNS THE PROPERTY OF THE PROPERTY OF THE CORRECTION THANK TOWNS THE PROPERTY OF THE PROPERTY OF THE CORRECTION THANK TOWNS THE PROPERTY OF THE P	E PUT	x			PARCISION PHOTO RESTITUTUR (PPR)	MONE	Энси	<b>KC</b> EE			NONE	PPR NUET BE DE- VELOPED, BUT ALL 115 RASIG FUND- TIDUS HAVE PEST DEVELOPED IN OTHER MACHINES	KORE		x *		31113	1 5 CP-19006		ITEK
19 12	APPEARE ALFRANKESIC TEXT  A CHI STATICO MACIO IS AN HITEGRAL PART OF THE POR EXPOSES NEW AMERICATION TOTAL, THIS VILL INTERE RANG THAT IN 19 5 OF IMPEGATI PROCESSING LEFEL, GIVING CLOOP COPER NATA, AND ANY OTHER RECES CHARGE	r HG SARY	x x			PPR	MONE	ROME	MONE	:		anne	MATINS OF CRI TO POR	NORE		x *		33113	5 CP-16065		ITEK
79 <b>1</b> 3	PREPARE COMPOSITE COLOR PASTER  THIS IS PERPARED ON THE PPARE TO SAME MAY THAT BLACK AND MAINTED  ONES ARE MADE, EXCEPT THIS SAME SAME SHARES ARE EXPOSED  TREASON OFLER SEPARATION PILITERS INTO COLOR FILM	į	x x			PPR	2XINE	Ноне	hane			353ME	SANT, AS 19 11	,aone		x *		33113	5 CP-15001		ITEK
19 14	PRINTE ALPHANDERIC TEXT  ALPHANDERIC TEXT 15 DEPOTED AS IN 19 12, TEXT IS APPLIED IN ON DISCOUR	LY	x x			PFR	ЭНСЯ	105% E	KÜNE			MODE E	SAME AS 19 12	MONE		x *	PECTION	3 3 1 1 3	R PHOTO		ITEK
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RE QUIRE	EMENTS	FUNCTIONAL FLOW DWG.	AL A	ROC LOC/	ESS ATION B	DEVICE IDE	NTIFICATION	CONT	ROL	PERS	DNNEL	TRADEOFFS	DEVEL REOL	OPMENT HRED		IFICA THO	ATION D(\$)	PARA	GRAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION	TION	NO 20 0  TITLE BRAX PROCESS MS TAMES  GSFC. SPEC. PAR. NO 7 14 3 2  FUNCTION REQUIREMENTS	HARDWARE SOFTWARE		HAKUWARE C	A MANUAL	В	A	В	A	В		A	В	N A.	INSPECTION ANAL: DATA	DEMONST. TEST	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC.	,
NUMBER_	SELECT VIDEO T.	APE DED IN. RELATED TO ARROTATION DATA, AND FLACED IN		x		NONE.		780KE		FLXED PROCEDURE		Mone	InoHe			×				3 6 21)	ITEK
220 2	REFORMAT, REAE	COND ON MICH DOWS TY DIGITAL TRUE  APP ACTA SEE CHANGED TO COMPUTE READABLE FORMAT, THE MATERIAN SEES SECRET OF REMOVE TO REMOTE THE SECURITY TO CAMPAILS OF SECRET OF REMOTE THE SECURITY TO SECRET THE SECRET OF THE SECRET OF THE SECURITY TO SECRET OF THE SECRET OF THE SECRET OF THE COMPUTE TO SECRET OF ADMISSIONATION OF THE SECURITY TO SECRET OF ADMISSIONATION OF THE SECURITY TO SECRET OF ADMISSIONATION OF THE SECURITY TO SECRET OF ADMISSIONATION  OF THE SECRET OF THE SECRE	×	х		AMPEX YTHIR, MSS PROCESS LTT, HOTCU, HOTOU		KÖHE		Wariasi e Yrocedure		RONE	HSSCU, HOTCU. AND HOTCH HUST BE DEVELOPED		x			33113 33113 33113 33113	1 3 1 2 1 4 2 2	3 4 21)	IEM
20-3	DUPLICATE DIST		x			HOTCU, EDTOU, 1500 BP1 TAPE RECORDER		коме				:	ENTOU AND HOTOU HUST SE DEVELOPED		x			33113	1422		TEM
20 4	ASCORO ON FILM	1				<b> </b>							:								
20 5	ADD ALPHANUHER	NC TEKT		$\  \ $		FUNCTIONS A	O EQUERMENTS ZUSKTICA	L WITH 19 4, 19 5,	19 6						$\  \cdot \ $						
20 6	PROTO PROCESS					J					,										
20 7	SELECT ATTETUD ATTITUTE DA TAKEN FRON	E <u>data</u> Ta for use in computing cognomate thansformation is The amountion tape	x					NOTOE											CP-14605		
20.8	COMPUTE COORDS ATTITUDE DA	MAT <u>e transformation</u> Ta are used to prepare consection dustrections for the	x					. NO.YEC					:   						EP-114(0)	:	
20.9	PREMALE CORREC	TEO COP)ES					ID EQUEPNENTS IDENTIC			NOKE			NOME		x						IEM
20 10	UPDATE ALFRANU	MERIC TEXT		1		S FUNCTIONS A	in edistactic insuric			HOWE			HOME		×						IEM
20 11		<u>elye gruor mayters</u> 13, ricept that tho mastees are prepared to different Formula	x x			PPR		KENE	RONE			MONE:	SA4E AS 19 12		:	x (1)	NSPECTION THE PR	13 3 1 1 3	GP-75031	ı	
20 12	OPBATE ALPKANU ALPKANUMERT	RESTE TEXT TO MENTY DRE COLOR	x   x			PPR		MODALE	MOKE			NOKE	SAME AS 19 11					33173	CP-15061		
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BE VILLBE	FUNCTIONAL FLOW DWG.		OCA	SS TION	DEVICE IDEN	ITIFICATION	CONT	roL	PERSO	NNEL	TRADEOFFS	DEVELO REQU			RIFIC ETHO	ATIO	PARA	AGRAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	TION  TILE TASE  GSFC. SPEC. PAR NO. 7 14 3 2 3/7 14 3 2 5  FUNCTION REQUIREMENTS	HARDWARE SOFTWARE >>		SOFTWARE OR	A	В	A	В	A	В		A	В	Z, A.	INSPECTION ANAL. DATA	DEMONST.	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC.	
21 1	OMES BUS DATA QUALITY		x		USBS/MASA TRAUMED OBSERVER/ EXPERIMENTER	PNOME	n/A	rkori <b>ć</b>	OPEN END DECISION PANUE		MEED STRICT BEFINITION OF PROCEERIES	DEVELOPED FROM ABOVE	INCKE	x					3420)	itsx
21 2	EVALUATE DES TEMBER STRUMS OFTERWING OPERATIONAL STRUKS OF DES SERSORS	x			CPU RQUTINE	NONE	NA	none			Consider Hamer Alternative	DEVEL& ROUTINES	KONE			x		(2°-12015		IBM
21 3	<u>SPECIFY KORRECTIONS AS ROQUINED</u> SPECIFY ROPEDIAL PROCEDURES FOR DCS SERSORS WHOSE STATUS IS NAI-OPTIMAL	x x			7 OR 9 TRACK TAPE A/A ISM 729 WI CPU ROUTEMS	моне	SOFTMARE/CPU Routikë	NONE		:	ENALUATE USER/NEEDS REQUIREMENTS TO ESTABLISH FORMATS	DEVELOP FORMAT(S)	MONE		77. 44.	x		OP-12012		IBH
21 4	AND CORRELATIVE DATA  COMPRESSIVE DATA 13 AMY SUPPLEMENTAL DATA GATHERED VIA OTHER LAND OR ALK BASED SERSORS OR FRENCASEL		I		CLEPIK	мэнЕ	HANRAL	tone	VARIABLE PROCEDURE	:	JECHIVAL PACOEDURES STUDY NOME	N/A	ноле	x					3 4 2 0)	ІВМ
27 5	CENERATE DCS_TAPS	Y			: SOFTWARE	NGNE	UATA BASE	NOME			NONZ	SOFTWARE DEVELOPHENT	моке			x		CP-12016		IЫ
21 6	MERGY PROCESSED FOR UNITA	X			SOFTMARE	HONE	qaya sase	a <b>t</b> 014E			Morae	SOFTWARE	KO.Y.É			x		EP-12006	;	IES
' 21 7	generate master digital tape	x			SOFTWARE	MOKE	DATA BASE	ENCKE			KSWE	SUFTWARE	1004 E			x		SP-12010		169)
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REQUIRE ALLOCA	EMENTS	FUNCTIONAL FLOW DWG.	PR ALL!		SS TION B	DEVICE IDE	NTIFICATION	CON	TROL	PERS	ONNEL	TRADEOFFS	DEVEL REQL	OPMENT JIRED	VERIFICAT METHOD(		N <sub>PAF</sub>	RAGRAPI	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	TITLE PROCESS USER HAVIES TO ANGUIVAL FILES GSFC. SPEC, PAR. NO. 7 14 3 1 2  FUNCTION REQUIREMENTS		HARDWARE SOFTWARE			A	В	Α	В	А	В		A	В	Į	ANAL. DATA DEMONST.	PEC.	SOFTWARE SPEC.	PERSONNEL SPEC.	
2Z 1	ARELYZE AND C	LIASSITY ISSER TAPUTS DITZENTHE HAROLUSE BEQUERABLITS	x			MANUAL S/M AIOS	RONE	мачна	FÄÜNE	OPEN ENG BECESTEN MAKEING		IF FROM OF INFORMATION IS CEDI- APPLIST WILL BINK TO ASTREM FOR THE PROPERTY ASSESSOR AND FORMAT ALS PROTECTION OF CONTRACT OF PROTECTION OF CONTRACT OF PROPERTY LIST TIPE OF MATS CONSIGNED AND SELECTION TIPE AND CLASSES OF ARMOTATION ACCEPTABLE	FILTERING TECH- NAQUE BOTTINS PRO- CEDURE	RONE	x			CP-13002 CP-73003		184
22 2	ABSTRACT USER	: Indus. for Storage	Y	x		PANONE LIBERT OBVICES	NOVE	MANUAL	NONE	WARIAGLE PROCEDURE		CUSTOM CONSIDERATION REQUISIONMENTS: TO PHYSICE LARGE ONLINE INPUTS JAIN DAYS THESE AND MATE HYBRICIAN SEQUENCEMENTS.	FORKAT	#0H€	x			CP-13631	3 4 20)	184
22.3	<u>rëlate user d</u>	RIA BITH STORES DATA	x	x		MANUAL S/M AIDS	MANE	MANUAL	MONE	VARIABLE PROCEDURE		ESTABLISHMENT OF ASSOCIATED DATA FILE TO CORRESPOND TO TYPE OF IMPROPRIED TO SEE RECEIVED HITTOO OF SELATING BANK TO TILE RECORD	PROCEBURE	8-34E	X			CP-13009	3 4 20)	183
22 4	TRANSCRIBE DAT	ea fur storage in associated file	x x	x		MARIJAL S/M ROUTINES REZEARING AND INCUT GEVICES	махе	HAMUAL	NOME	WARTAOLE PROCEDURE		TRANSCRIPTION PROCESS - MHAY CATA WILL ACTUALLY EE STORED	PROCEUME	ROYSE	*		333	CP-13011	3420)	1684
22 5	UPDATE_ASSOCIA	NE DATA FILE	×	X		HANNAL SYN ROUTTNE	kane.	MANUAL/S/W	NOME	FIXED PROCEDURE	·	TECHTIQUE OF UPDATING	голиат	х	x			CP-13038	342a)	164
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REQUIRE		PROCESS ALLOCATION A B	DEVICE IDENTII	FICATION	CONT	rol.	PERSO	ONNEL.	TRADEOFFS	DEVEL( REQU		VERII MET	ICATIO	N PARA	AGRAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	TION TITLE GENERATE AND MAISTAIN ARCHIVAL FIL GSFC. SPEC. PAR. NO. 7 14 3 1 277 FUNCTION REQUIREMENTS	: 발생 및 및	A Wavnar	В	A	В	A	В		A	В	N.A.	ANAL. DATA DEMONST.	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC.	
23 1	LOS 11t AND LOSSISSIST CATE	. x   x	MANUAL STORAGE BEFILES S/H PROMERAN	Rade	S/H/MANUAL	NONE	FIXED PROCEBURE	-	STORMOR VOLLINE VERSYK USEFULNESS FORM OF ASSOCIATED DATA USBREE OF DATA UISSUNSATION ALLOMABLE ASSOCIATED DATA	POLICY PROCEDURE	HORAS		х	333	CP-13003		184
20 2	STORE DATA	х	IMPUT EPVICES	NOME	Hafual	HONE	FIXED PROCEOURE		TYPE OF ENTRY INFORMATION REQUIRED AMINUL VIESUS SAN ACCSSS AND USE OF DATA	PROCEDURE FORMAT	NONE		x	333		3 4 2r)	104
23	SSAYTCE DATA, ASSORST	x x x	HSRIAL S.W. AIGS STORGEE DEVICES	NOME :	HATERAL S/M AIDS	NONE	FIXED Procedure		FORM OF STORMER, WOLLINE AND PROCESSIONS BECAUTY FALLEURES DATA SELECTIVE DATA DATA DATA DATA DATA DATA DATA DAT	POLECY PROCEDURES	MONE		y	333	CF-13002 CP-12003	3 4 2m),	164
23 4	SEARCH FILE FOR BATA	x x	MANUAL S/H ALOS	NONE	MANUAL S/W Alds	NOME	VARIABLE PROCESSRE		STOCKASE OF MORESTANDARD THE FORMATION AND MATERIAL (LAMES REMUNIE, MARKED- UP PROTOS)	PROCEDURES	NOME "		*	333	CP-13013	342r)	NSI
23.5	LOG OUT, LORSE AND TRANSPUT DUTA .	XX	DISPLAYS S/M Program	номе	HANDRIJS/M	XONZ		-	STRUCTURING WS FLEXIBILITY  A USFRIENCESS INFORMATION DISPLAY  AND WISSEN MARKET  PASAMETERS TO REFLEXE ON  HAVE IMPROVED TO LET TOOPTITIED?  AND GETS OUTPUT  HANGEL EVENING SYM ATION  HANGEL EVENING SYM ATION  HANGEL EVENING SYM ATION	establish Requirements S/N programs	HOME		x	333	CF-13aZ1	•	MEM
23 6	MAINTAIN ASSOCIATED DATA FEEDIN	x x	RAHIML S/M Alds	KQN≅	<b>ИАЖ</b> ИЯL	MOINE	FIXED PROCEDURE	·	NOME	FROCEDURE S/N A10S	NCHE		х	3 3 3	CP-1301B	3 4 2r)	1684
23 7	UPPATE ASSOCIATED DATA	x x	MARINAL COMMUNICATION MODIA PERSONCETION DEVICES DISPLAY	KONE	HAN WAL	MONE	VARIABLE Procedure	; İ	S/M ATES TO GENERATE VERK BACKES FOR GENERALTION BACKES HERRIT GENERALTION USER INTERFACE REQUIREMENTS	PROCEDURES FORMAT	жоке		х	33113	6	3 4 2r)	ISH

ALLOCATION  THE SHEET SCREEN S	REQUIRE	MENTS	FUNCTIONAL FLOW DWG.	P ALI A	ROCE OCA	SS TION B	DEVICE IDEI	NTIFICATION	CON	TROL	PERSO	DNNEL	TRADEOFFS	DEVEL REQ	OPMENT JIRED	VERIFI METH	CATION IOD(S)	PARA	GRAPH		RESP.
1	ALLOCA' SHEET	TION	TITLE: PREPARE PRECISE FRAME ANADTATION DATA GSFC. SPEC. PAR NO. 2 14 3 2 1/7 14 3 2 2				A	В	A	В	A	В		A	В	N. A. INSPECTION	ANAL, DATA DEMONST. TEST	GDHS SPEC	SOFTWARE SPEC.	PERSONNEL SPEC	
20.3 IMPACE SUSPECTATION OF CHILD SUPPOSE OF STREET AND SUSPECTATION OF SUPPOSE OF SUPPO				x			X SPECIAL FRAME ANNOTATION	SPECIALLY TRAINED PERSONNEL	SOFTRAKE DATA BASE	OPERATIONS MANUAL AGO TRAINING PRO- GRAM	,	OPEH END UTCESSOR MAXIMS	HONE	COMPLETE SOFTWARE DEVELOPMENT	COMPLETE OPERA- TIONS AND TRAIN THE PROCEDURES DEVELOPMENT	111			CP-140/9 CP-14020	342r)	TRH
29 4 OPERATE REPURSO TICK COMPLETE SOFTWARE AND CONTRACT BY AN	24 2	VERIFY DCS A	<u>Wallability</u>	×			X SPECIAL SOFTMARE	SPECIALLY TRAINED PERSONNEL	SOFTWARE DATA BASE	GREATICES MANUAL AND TRAISING PROBRAM		WARJADLE PROCEDURE	MANINA,/SOPTMARE	COMPLETE SOFTMARK DEVELOPMENT	COMPLETE OPERA- TIONS AND TRAIN TIME PROCEDURES DEVELOPMENT		x		CP-12012	342r)	TRN
24.4 ODERATE SPRINTED TECT IMPRE SOFTWARE DATA SOFTWARE DA	24 3	uprayte subop	91 <u>tal polby, Picture</u> Essier, <u>Ard Jeadins</u>	*			X SPĒCIAL SOFTMPRĒ	SPECIALLY TRAINED PERSONNEL	SOFTMARZ DRIA BASE	eone		WARLABLE PROCEDURE	BOTES	COMPLETE SOFTWAR DEVELOPMENT	COMPLETE OPERA- TIONS AND EDUES ING PROCEDUES SEVELOPMENT		x		CP-12007	3 4 2 r)	TRM
SEE SEE PROPER PROPERTY OF PERSONS AND CORRESPOND AND CORRESPOND AND CORRESPOND AND CORRESPOND OF THE SECOND AND CORRESPOND AN	24 4	COMPUTE UPOA	<u>NTO TICK MARK LOCATIONS</u> PROM PROCISE ATTITUDE INFORMATION	x			SPECIAL SOFTMARE	aya.	DATA BASE				hene	COMPLETE SOFTWAR	: #/A		x		CP-14020		TRU
24.6 GEREATE SPECIAL FRAME AMBITATION TAPE X FOOWATING WAS DATA BASE DATA BA	24 5	HERGE FRAME ASSENSLY TAPE GENE	NAMEDIATION, PRECISE ATTITUGE AND ASSERTING UNITA OF INSMITED AND CURRENT DATA IN PREPARATION OF DATION	x			Software	39406:	data rase	NGME			YOUN-E	NOME	жок		r r		CP-12003		TRM
	24 6	GENERATE SPE	cial frame amotation tres	. x			FORMATTING SOTTWARE	nposké	DATA OKSE	NAME			100k£	COMPLETE SOFTMAR BEVELOPMENT	E BRUKE		x		CP-14020		TRN

REQUIRE	FUNCTIONAL FLOW DWG.	PRI ALLS	OCES	ON B	DEVICE IDEN	NTIFICATION	CON	TROL	PERSO	DNNEL	TRADEOFFS	DEVELOPME REQUIRED	NT		ICATI HOD(S		AGRAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	TION TITLE: PROCESS IN PRINTO LINDRATION GSFC SPEC. PAR. NO214312 FUNCTION REQUIREMENTS	HARDWARE SOFTWARE			Α	В	A	В	Α	В		A	В	N. A. INSPECTION	ANAL. DATA DEMONST.	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC.	
25 1	ECCEVE PASTER COPIES  EXEMPTS DE RIGHTANCESSED MASTER COMES ARE RECEIVED FOR TIES AS CHIPMES OF DOTH BLE ALID PRECESSION PROCESSION AND THE HAND COLUMN AND WRITE AND OLDUR.		x		MONE		MOKE		Warlable Procedure		июне		•	х				3421)	ITEK
25 2	PROCESS (BLACK AND MITTE) STANDARD PROTES PROCESSING	х			5000 VERSAWAT		390HE				NONE			х		3 3 ] (	3 2 3		LTEX
26 3	PRINT INTERMEDIATIVES INTERMEDIATIVES INTERMEDIATIVES WILL BE INCESSEDE IN SOME CARLING TO PROVIDE FOR BOULDATION OF ANIBLE LARGE NUMBERS OF GREAT PRODUCTS OF PROVIDE TYPE.	x			LOGETRONIC PRINTER MODEL SP-1070		NONE				ЭМОК			x		3 3 7 7	3 2 3		TTEK
25 4	PROCESS (BLACK AND MITTE) SAME AS 25.2																		
25 5	NAKE PAPER PRINTS ONE OF THE REQUIRED OUTPUT PRODUCTS	х			LOGETRONIC PRINTER MODEL 52-1070		BNCss				NONE			x		3 J T	323		ITEK
25 1	PROCESS PAPER (QLACK MID WHITE) STANDARD PAPER PRINT PROCESSING	x			EKCO YERSAMAT		NOKE			:	NOME			*		3 3 3 2)	   3 2 3 		TTEK
25-7	MRE FILH DUPLICATES POSITIVE TRANSPORIENCIES ARE ABOTHER OUTPUT PRODUCT	x			LOGSTRONIC PRINTER, MODEL SP-1070		жинЕ				жэне			х		3 3 1 3 3 1	1323		1TEK
25 B	PROCESS (DLACK AND SHITE) SAME AS 25 2										=								!
25 9	FORM DISTRIBUTION REGATIVES. ATOMITIVE TRANSPARENCIES ARE THE THING OUTPUT PROMOCT	x			ERGO VERSAMAT		MONE				NONE	;		x		3 3 1 B)	1323		LTEK
25 10	PRECESS (BLACK AND INSITE) SINCE AS 26 2																		
25 11	PROCESS (QUIDE) STANCARD COLOR PROCESSIVE	x			ekeo color Versamat		MONE				NONE			×		3 3 1 b}	1323		ETEK
25 12	MAKE DISTRIBUTION COPTES	x			EOSETRONIC COLOR PRIRTER MARK ELI		HOKE				.99€			x		9) 3.3.1	1323	·	ITEX
25 13	ROTERCH PROCESS (DOLDR) STRAIGHT OR REVENUE PROCESSING DAM BE EMPLOYED REFENDEME DX ORTHUT PRODUCT DESTARD	x			EKCO COLOR VERSAMAT		KDHE				NOSE			x		3 3 1 b)	1323		ITEX
			$\perp$			<u> </u>								Ш			PAGE		

REQUIRE	FUNCTIONAL FLO	)₩ D₩G.	P ALI A		ESS ATION B	DEVICE IDE	NTIFICATION	CON	TROL	PERS	ONNEL	TRADEOFFS		OPMENT JIRED	VERI ME	FICAT THOD(:	ION S)	PARAC	GRAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	TITLE- PRECISION PROCESS RAY GSFC. SPEC. PAR. NO. 2 FUNCTION REQUIREME	14 3 2 7	SOFTWARE	MANUAL	HARDWARE SOFTWARE	MANUAL A	В	A	В	Α	В		A	В	N.A.	ANAL. DATA DEMONST.	TEST	GDHS SPEC.	SOFTWARE SP EC.	PERSONNEL SPEC.	
26 1	SELECT MAY TAPE PRECISION PROCESSINS STARTS WITH ORIGINAL HIGH PREVAMED IN 19 2	DENSITY TAPE		х		more		MORKE		FIXED PROCEDURÉ		MCS.E	MORE		,						184
26 2	MEASURE RESSAU SAME PERSETTOR AS 19 8		х			MOUNE.		NONE				NOM S	моме		x				CP-14006		181
263	COMPUTE COORDINATE TRANSFORMATION CORDINATE TRANSFORMATION IS COMPUTED FROM RESI CRACTED ATTITUSE INFORMATION	AV MEASUREHENTS AND	x			Hone		PONE				HONE	NOME.		×				CP-14016		134
26.4	PERFURN GROW SOUTHING THE CORPORATE TRANSFORMATION IS IMPLEMENTED PO THE CORPORER	MINT BY POINT WITHIN	x			NORE		KORE	. <del>-</del>			HOREE	NONE		x				CP-14017		Maj
Z6 S	NAKE PROTOMETRIC CORRECTIONS  ORRECTIONS FOR RESPONSIVETY, GAPMA, SHADING AN MADE SHTUTAT THE COMPUTER FOR EACH POINT	ID DLEHISHES ARE	x			Kane		MQME				NONE	KONE		x				ĆP-14011		FBM
26 6	PERFORM SPECIAL REQUEST PROCESSING ORNOUTER REWITHES FOR SPECIAL REQUEST PROCESSIN REMOVAL) AND RUN AT THIS TIME	G (SUCH AS RESEAU	x			MOZIE		ROME				XXXE	SONE		x			1	CP-14000 CP-11000		IEK
25 7	DUPLICATE DIGITAL TAPE THE COMBINED RESULTS OF THE PROGRAMMA PROCESSION TO RETAIN THE LEW, IF A BROATER THE CONTROL IS TRIBUTION, IT IS CONLICATED AT THIS THE	ARE PUT ON TAPE REQUIRED FOR DIS-			į	STANDARD HAG- HETEC TAPE RECORDER		NOME				MONE	NONE		x		c	OMBERCIAL OR GFE			IЖ
268	RECORD ON FILM SAME FUNCTION AS 19 4	x				SAME AS 19 4															
269	ADD ALPHANARIAG TEXT SACE FRACTION AS 19 5	7				same as 19 6															
26 10	PIDIO PAGCESS  STAKONGO BLACK AND MHITE PROCESSING IN PROTO LA	x				ZKCO VERSAMAT		KONE	į		į	KURE •	лоне		x		3	3 1 1 3 2 a)	3		ITEK
26 11	PREPARE COMPOSITE COLOR MASTER  THE DUTPUT OF 26 3 IS PUT INTO THE FORM OF 19 I  THE PPR IN THE SAME MIGE AS 19 13	AMD USED TO BRIVE	х			PPR		NOME				нояе	NONE		x	(VISHA Proce	L IESPE SSIES 1	OCTION ASTO BLOTONY BL	ER 195) CP-15001		ITEK

REQUIRE	CMENTS	FUNCTIONAL FLOW DWG.	F _AL	PROC	ESS ATION	DE	VICE IDEN	TIFICATION	CON,	TROL.	PERSO	NNEL	TRADEOFFS	DEVEL	OPMENT JIRED	YERI ME	FICATION (S)	_1_		RAPH N		ESP.
ALLOCA SHEET	TION T	ITLE FREETSTON PROCESS INS  SFC SPEC PAR. NO. 714327  UNCTION REQUIREMENTS	HARDWARE SOFTWARE		HARDWARE OF	AANDAL	A	В	A	В	Α	В		A	В	N A.	ANAL. DATA DEMONST.	TEST	SONS SPEC	SPEC.	SPEC	
NUMBER 27 1	CORRELATE MSS HITE	M BOY AND STORE CROWN STOREAS  ONE CHARGE OF THE MES IS CORRELATED ON THE FRA SHOWING PRECISION PROMISSES HE FINDS: MESON THE FRANCE OF THE MESON THE MESON THE FRA MESON THE FIRM THE OFFICE HE MESON THE ME	3				PPR		HOME				NONE	PER HUST BE DEVELOPED (or 19.11)		х			3113]	5		ITEK I
27 ż	COMPUTE INTROVES : THE YAM ANTILE : DEDUCED FARM TO DATA FROM TO	ATTITUDE DATA ATTITUDE DATA AT THE WAY THE SEP PICTURE WAS THANK CAN BE AT THE STREET, THE SEP SPECIAL WITH PITTUDE TO COMPUTE AN IMPROVED SET OF ATTITUDE WALKS	x								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		жайке •	HONE		x				CP-31086		184
<b>27</b> 3	COMPUTE COURDINATE TRA	<u>te transforation</u> Negrowation is computed in the same bay as in 20 B	×						яом≘				None	NONE		×			!	CP-11001		164
27 4	FERFORM GEON ROUT	CINE										:										
27 5	FERFORN SPECIAL P	PROCESS 1113																				
27 6	DUPLICATE DIGITAL	LIAPE					THESE ARRAY	Alle and Fourth Private	405 Y05457C01 1417/	TIS SOLUTION AND DE	NA DEFECCIÓN											
27 7	RECORD ON FILM						PADCESSTING	IONS AND EQUIPMENTS FUNCTIONS	KRE SBERNSENE WITH	na: Europeanymunt no	PRECISION											
27.8	ADD ALPHANOMERIC	<u>Isar</u>														١		$\left  \cdot \right $				
279	PHOTO PROCESS															1						
27 Ya	<u>Prepare Composite</u> The Cutent of PPR IN The Sam	<u>e colore Masters</u> 27 °C 15 put sund the foiri of 29 °C <b>and u</b> sed to drave the RC Mode AS 20 TT	K X	*			PFR		. sone				Nd⊅€	SAME AS 27	7		I	(VISEM PROCE	3 3 1 LINSPECTI SSING IN P	7 3 1 5 ON AFTER NOTO UAR) CP-1509	1	TTEK
																		┵		PAGE	NUMBE	R31

REQUIRE	MENTS	FUNCTIONAL FLOW DWG.	AL A	ROC/	ESS ATIO		DEVICE IDE	NTIFICATION	CON	TROL	PERS	ONNEL	TRADEOFFS		OPMENT IIRED		FICA? THOD		PARA	GRAPH	NOS.	RESP.
ALLOCAT SHEET FUNCTION NUMBER	TION TITL	E HONITOR FACILITY STATUS  SPEC, PAR. NO.  TION REQUIREMENTS	HARDWARE SOFTWARE				A	В	A	В	A	В		A	В	A A.	ANAL DATA	DEMONS I. TEST	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC	
28 1	DETECT TREMOS AND	<del></del>	l <sub>x</sub>		к		AUTOMATIC SENSORS (PYRO-ALACHS)	FIRE DETECTOR SYSTEM (BATE	AUTONATIC MITH MARKEL OVERRIDE	AUTOHATIIC ALASSA	HONE	Эком	COSTING OF EXISTENG SYSTEMS	"OFF THE SUSLE ITEMS"	"OFF THE SHELF ITEMS"			x	GFE †			TRSI
	ELECTRICAL POWER &	SORE PROVIDE CONTINUOUS STATUS OF STATIONS ALLURE/STATUS HIDICATOR L POWER STATUS TO RECORD TRANSIENTS OR	x		x	x	AUTOMATIC SMITCHING SYSTEM "NO BREAK"	OF RAISÉ)  VESUAL ALARM NETH MANUAL SMITCHING	(ALL SYSTEMS)  AUTOMATIC WITH  HANUAL OVERRIDE  [ALL SYSTEMS]	MANUAL SHITCHING	MONE	FIXED PROCEDURE	COSTING OF EXISTENG SYSTEMS ,	OFF THE SHELF	"OFF THE SHELF ITENS"							TRU
	DESIGNATION OF THE STREET OF T	ALIANIS FOR DATA VERIFICATION  ALIANA T OVERBEAT SENSORS PROVIDE FOR	*		x	x	AUTOMATIC SEMSORS WITH A/C SWITCHING	VISUAL INDICATORS AND MIRIAL SMITCHING	AUTOHATIC WITH HARUAL OVERRIDE (ALL SYSTEMS)	HANUAL Transfer or Shutdohn	MONE	FIXED PROCEDURE	COSTING OF EXISTING SYSTEMS	"OFF THE SHELF ITEMS"	"OFF THE SHELF ITEMS"					}	.	TRM
	ATA COMBITIONING F	E DATA AND EQUIPMENT ALLURE (YEK? & HONIOTY) HODITY SENSORS INSURE ALIS CEPTABLE TO THE SYSTEM	×		x	X	AUTOMATEC SENSORS WITH CONTROLS	VISUAL INDEGATORS AND HARUAL CONTROL	AUTOMATIC MITH MANUAL OVERATUE (ALE SYSTEMS)	MANUAL Transfer or Shutdown	aohe	FIXEO FROCEDURE	COSTEMA OF EXISTING SYSTEMS	"OFF THE SHELF LITEMS"	"GEF THE SHELF ITEMS"							TRM
28 2	SEND ALARK SIGNALS AUTOMATIC ALARMS I OR ANOMALY	O ALERT STATION CONTROL OF TREMP	×		х	x	AUTOMATIC HITH NAMUAL OVERRIDE (ALL SYSTEMS)	YISUAL AND AUDIBLE NLARMS	AUTOMATIC WITH MARUAL OVERRIDE (ALL SYSTEMS)	AUTOMATIC AND IRRUAL	KONÉ	FEXED PROCEDURE	COSTEMB OF EXISTEMS SYSTEMS	"OFF THE SHELF ITEMS"	"OFF THE SHELF 172KS"			x				TRA
28 3	DETERMINE SPECIFIC P DETERMINE RESOLUTI VILL SE ACTIVATED	<u>ROGEDH</u> Oh on altromate procedure maich		х,		x	OPERATIONS OFFICER	OPERATIONS OFFICER	VERIFY ALARM AND EVALUATE SPECIFIC PRO- ELDY BESOLVE OR SILECT ALT- BRANTE PROCEDURE	YERIFY ALARH RNO EVALUATE SPECIFIC PRO- BLEM RESOLVIC GR SELECT ALT- EPKATE PACCEDURE	OPEN END DECISION MAXING	GPEN END DECISION MAXING	N/A	DEVELOPMENT OF EMERGENCY TRAINING AND PROCEDURES	DEVELOPMENT OF EMERGENCY TRAINING AND PROCEDURES			x			į	TRIR
28 4	DETERMINE IMPEDIACY EVALUATE IMPACT OF	OF <u>\$110AFION</u> SITUATION ON MISSION		x		x	OPERATIONS OFFICER (OVERRIDE OF AUTOMATIC SYSTEM)	OPERATIONS Deficer	EVALUATE IMPACT OF PROBLEM ON SCHEDULING HISSION OBJECT- LYE AND SAPETY OF STATION	EVALUATE INFACT OF PROBLEM ON SCHEDULTS AUSSION OBJECTIVE AND SAFETY OF STATION	OPEH ENO DECISION MAKING	GPEN END DECISION MAXING	NA	DEVELOPMENT OF BACKGUT AND ABORT PROCEDURES	DEVELOPMENT OF BACKOUT AND ABORT PROCEDURES		x					TRM
28 S	NOTIFY FROPER PERSON DETERMINE AND SECE	REL CT PERSONNEL REQUIRED FOR CORRECTIVE ACTION		x		x	CPERATIONS OFFICER (OVERRIDE OF AUTOMATIC SYSTEM)	OPERATIONS OFFICER	ENGAGE PROPER STATION OR SUP- PORT PERSONAL INTO A RESPONSE HODE	ENGAGE PROPER STATION OR SUP- PORT PERSONNEL ENTO A RESPONSE HODE	OPEN END RECESSION MAKING	OPEN END DECISION HARING	A/A	AEVELAPHENT OF A STATION EMERGENCY SOP	DZVELOPHENT OF A STATIGR EMERGENCY SOP		x					TRAY
28 6	SPECIFY AND PERFORM FIRE SUPPRESSION FOLLOW EMERGENCY F ELECTRICAL POWER A ACTIVATE ELECTRICAL FOURERST PROFESSION	<del></del>	x x	x		x	OPERATIONS OFFICER (OVERRIDE OF AUTOMATIC SYSTEM) DEFAILES (OVERRIDE OF	OPERATIONS OFFICER OPERATIONS OFFICER	BIRECT AND COURD- HATE THE PERS- ORNEL AND EQUIPMENT	DIRECT AND CORMINGE THE CAR JEROSSES CAR EQUIPMENT	OPEN END DECISION POKING OPEN END DECISION MAKING	OPEN END DECISION MAKING OPEN END DECISION MAKING	N/A	,			×					YRU IRW
	EQUIRMENT OVERHEAD	CORRECTION OR ALTERNATE NY AND ACTIVATE EMERGENCY PLAN	x	2		x	AUTOMATIC SYSTEM)  OPERATIONS OFFICER (OVERTIBE OF AUTOMATIC SYSTEM)	OPERATIONS OPPICER			OPEN SNO DECUSION MAKING	OPEN END DECESSION HAKENG										TRM
	AIR CONDITIONING F	ATLURE CORRECTION AIR CONSTITUTING FLAN	×	X.		х	OPERATIONS OFFICER (OVERNIDE OF AUTOMATIC SYSTEM)	OPERATIONS OFFICE			OPEN SND DECESTOR MAXING	OPEN END DECESSION HARENS							GFE			TRH
28 7	VERIFY CORRECTIVE AN ESTABLISH FACT THA OPERATIONS	T <u>ION</u> I STATION WAS RETURNED TO STANDARD		x		×	OPERATIONS OFFICER	OPERATIONS OFFICER	LYSUZE THAT SYSTEMS ARE RETURNED TO FACILITIES STANDARD	INSURE THAT SYSTEMS ARE SETURNED TO FACILITIES STANDARD	NYKING OSEN END	Q⊁EM ENO DECISION MARING	нуя	DEVELOP OPERATION STANDARDS FOR FACILITIES FUNCTIONS	DEVELOP OPERATION STANDARDS FOR FACILITIES FUNCTIONS		×					TRW
28.8	RECORD THEIRES ST RECORD THEIRES ACTION AND REQUIRE	ATUS LOS D PROWIDE MISTORY OF CORRECTIVE NEGATS TO PREVENT ROCENRENCE		x		x	OPERATIONS OPERCES	OPERATIONS OPFICER	RECORD (HICHENT AND PROVIDE COGNECTIVE ASTION TO PREVENT RECURRENCE OF	RECORD INCIDENT AND PROPUDE CORRECTIVE ACTION TO PREVENT RECURSENCE OF LIKE STRUCTION	OPER END DECISION MAKING	OPEN EMB DECISION MAXIMO	нув	DEVELOP AND MAINTAIN STATION STATUS LOG	DEVELOP AND MAINTAIN STATION STATUS LOG		x					TRH

29 2 <u>\$</u>		x x HARDWARE X SOFTWARE X		SOFTWARE TO MANUAL	ONSCIENT 15Y SHEPHENT 15Y	В	A SMITSHERT OF ERROR IN THE PROPERTY OF ERROR	В	A SIXED PROCEDURE	В	780#E	A NOBE (COMMERCIAL)	В	N. A. INSPECTION	ANAL. DATA	TEST GDMS SPEC.	¥	PERSONNEL	TEA
29 ì gl	DEFERRITE SQUARE MAYE (SEPERTOR, GENERATE AN MES TYPE SIGNAL AT 14 5 MG/S FOR MCDLATION OF DMC OF THE S-BROW MIDDERSON THANSMITTERS  SEPERATE A SMED SIGNAL  LETHA A YEED - "DESCRILATION, GENERATE A MANUALLY SMEPT SIGNAL AND MIDDERSON THANSMITTERS."  TRANSMITTERS.	x	x		COMMERCIAL TEST EQUIPMENT		GPERATIONS MARUAL		SIXED PROCEDURE		1858 E	HOME (COMMERCIAL)			x				TEX
	LETTIC A YIESO TORGILLATOR, GENERATE A MANUALLY SMEPT STRINK ARE PRODUCTIONS OF ORE OF SPRING MICROBIAN TRANSMITTING.  TRANSMITTINGS.	X	X		CONVESCIAL TEST EQUIPMENT		EQUIPMENT OPERATIONS								x				1 1
29 3 J	TRANSHIT YUBEO SIBMA.  TAMBART BACK YUBEO SICHAR, TO THE BECEIVING STATION BY BAC CF. ITS OWN S-6/MB TRANSHITTER	x	$\{ \mid$		ļ	,	MARIAL.		FIXED PROCEDURE		None	MONE (COMMERCIAL)							TRM
			x		SIMULATOR/SC NAMUKRSE		EQUIPMENT OPERATIONS MANUAL		FIXED PROCEOURS		1004E	NOME {SPACETRAFT SARONARE)				х		i,	TESN
29 4	INITIATE DES TEST PLATIBREKA, TIET TAME SHYO THE STREAMOR BASEBARD ASSEMBLY UNIT, CONTACHESE PRE-ESCRECIO DES SKOMLS	x	x		SIMULATOR TAPE RECORDER		EQUIPMENT OPERATIONS MANUAL		Fixed PageEduke		1/3ME	GOMENCIAL)		x				:	ты
1 1 1	PECEIVE AND CHANGERATE NAMES STAMM.  RECEIVE AND CHANGERATE THE PRI PARTIE SHARE FOR RETRANSM.  BACK TO THE MISTA STATION.	х		-	SINULATOR/SC HARDYARE						NOME.	NOLE (SPACECRAFT PAROMARE)		x					ातम ।
29 6	RECEIVE AND CONTROL 3-RAND CARRIES  RECEIVE THE WISH'S -BAND UPELING CARRIED AND COMPRESSITY CONTROL. THE STHULAURE DOWNLING CARRIER ROY RANGE RATE	Y			SEKILATOR/SC Hardmars						t10¥€	HONE (SPACECIAFT HARDMYSE)				х			TRU
23 7	PHITTATE S/C MOUSEEGEPENG AND TUA YEST  PLAYMENT A  PLAY MENT A TEST YAPP, THIS THE SCHMILATING BASEBAND ASSERSEY WEST, CONTRACHING SPACECHAPT MADSSEEPING  TELBETTAY AT 1 MID 32 MINS PART S AS FOLUMAS  1 RB 16 F6 May 255 Min AND 1 25 MIL  22 KB 300 KC	* * * * * * * * * * * * * * * * * * *	x		SUMMATOR TAPE BECORDER		EAUS PHENT OF SEAT LOS NAVEM.		FISED PROCESSING		HONE	ROBE (CONMERCIAL)		×					TPM

REQUIRE ALLOCA	EMENTS	FUNCTIONAL FLOW DWG.	AL A		CES CATI	S ION B	DEVICE IDEN	TIFICATION	CON	TROL	PERS	ONNEL	TRADEOFFS	DEVEL REQL	OPMENT JIRED	VER MJ	IFIC.	ATION D(S)	PARA	AGRAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	TION	TITLE: PRESENS SPACECRAFT STRELATION (CONTURRED)  GSFC. SPEC. PAR NO.  FUNCTION REQUIREMENTS	HARDWARE SOFTWARE	MANUAL	HARDWARE	SOFTWARE	Α	В	A	В	А	В		A	В	-	-1-7	DEMONST.	GDH5 SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC.	
29 6	TRANSAIT 5-9 TRANSAIT THE PEN SI TRANSAITH	AND THE COMMONTE TELEMETRY, DCS AND MINN REEATH COMMON TO THE MOTA STATION USING THE 5-3440	×				SINULATOR/SC HARDNARE						.20/NE	KOME (Spaceeraft Hardmare)				x				TRM
29 9	IRANSMIT YHE TRASSMIT ONE AT A TRASSMITT	: SPAKKERART TELEMETRY AT EITHER 18/5 OR 12 KD/5 THE TO 122 STADAN STATEON USING THE VAP ER	x				SIMULATOR/SC MARDWARE						поне	KONE (SPACECRAFT HAROMARE)			•	x				1784
29 10	<u>RECEIVE VAH</u> RECEIVE C	CONNAINS. CHANGES FROM THE STADAM STATIONS VIA THE VMF LIKE	x				SIMULATUR/SC HARDWASZ					,	MONE	NOME (SPACECRAFT HARDMARE)		x						TRN
29 11	RECEIVE S-BAI RECEIVE CO LINK	UB COMMUNIS Ophanis from the MSFH statious via the S-band	X				SIMULATOR/SC NARDVARE			,			MORE	NONE (SPACECRAFT HARDHAGE)		х						TISK
29 12	DEMONDLATE AT DEMONSTRATIVES FIRST	<u>IB DISPLAY (COMMUNDS</u> , AND OUSTLAY TRESE (COMMUNUS FOR WISHAL (COMMUNUS COMMUNUS FOR WISHAL)	x	X			SIMILATOR Headmare		EQUIPMENT OPERATIONS NOWARL		FIXED PROCESSURE		KODETY AN OGO DESTGY VERSUS A VEN DESIGN	STRAIGHTFORMARD RAISCRAISE RESTON			x			and the second s		там

REQUIR	EMENT\$	FUNCTIONAL FLOW DWG.	F AL_ A		ESS ATIO	N	DEVICE IDE	NTIFICATION	CON	TROL	PERS	ONNEL	TRADEOFFS		OPMENT JIRED	VERIF MET	ICATI HDD(S	PARA	GRAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER		TITLE: TEST OCC SECRENT READINESS	HARDWARE SOFTWARE	MANUAL	HARDWARE SOFTWARE		A	В	A	В	A	В		A	В	Ιź	ANAL- DATA DEMONST.	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC.	
7 06	VERIFY NASCON IS VERIFY ALL & STATIONS BY	<u>EADINESS</u> NIA LIBNS SETNEED THE OCC AND THE STADMA/HEFM/HTTF MAITDRINS RENOTE GESPIATED STEMALS RECEIVED AT THE OCC	ĸ	х	x	х	DATA LINKS TEST EQUIPMENT TECH- NICIAN	DATA LINKS TEST EQUIPMENT TECH- RICIAN	READINESS TEST PROCEEREZ	READLINESS TEST PROCEDURE	FEXEB PROCEDURE	FIXED PROCEOURE	#6NE 	EOMS.	ROSE		x			-	Tics
30) 2	VERLEY YOLGE AS STATOMS AND OF TEST THE VOI PROGRACY FI SIGNALS	ID ITY CONTACT MITH ASPARANTATE HISPA ON STABLIN SOME CL MO TRIETIVE GOURNEST AT THE OCC BY MESONATIS VOICE CELLTY AND CHMISTANTING SENDING AND RECEIVING TRIETIVPE	x	x	х	x	SCAMA EINKS TECHNICIAN	SCAPA LEHRS TECHNICTAR	READINESS TEST PROCEDUME	READENESS YEST PROCEDURE	FIXED PROCEDURE	FIXED PROCEDURE	Mo∴E	NONE	None		x				TESM
30 3	PROVIDE SINU SINULATED HO	ITED POH NOISSOREPHING AND DCS GATA ATED POH NUTA TO THE ANSCOM IMPUT OF THE GCC SECREPHIC BATA SHALL COVER TO THE MOSSECREPHIC DATA THE MOSSECREPHIC DATA	x x		x x		PCM SIMILATOR A YEST PROGRAM	PCK SIMULATOR & TEST PROGRAM	READINESS TEST Procedure	READINESS TEST Procedure	HOXE	KOME	NGME	MQXS	NONE		x				ERN
30 4		AND BISPLAY CARASILITY RECOGNITES PROCESSING AND CONTEST OF DISPLAYS BY READING SHOULKED MUSSIMEETING AND NOS DATA	x x		x x		OCC SERMENT	OCC SEGVENT	READENESS TEST Procedure	READINESS TEST Procedure	PORE	NOHE :	NOME	MONE	None		ı				TRM
ão 5	CHECK COMPUTER VERTEY PROPE PRINTER AND I	PERIPHERAL DEVICES R COMPUTER CONTROL AND OPERATION OF SUCI DEVICES AS A LINE RADER CONTROL OF THE COMPUTER VIA REVENARIOS	x		Y Y		COMPUTER SYSTEM	COMPUTER SYSTEM	READINESS TEST PROCEDURE	READINESS TEST PROGEDURE	KOME	180ME	MOSE	. KONE	NOMS		ı				TEN
39 6	CHECK RECORDING VERIEY STRIP DATA VERIE RECORDING IN	(STRIP DMBT AND TARR) CAPABILITY FORFT RECORDER ACCURACY ANALYST THE PERSON SHULATED POP TARRE RECORDER ACCURACY OF PARMACHES OF SHULLARED ON A TO THE COMPUTER WHICH COMPANIES AGAINST GRIGHBUL DATA THE COMPUTER WHICH COMPANIES AGAINST GRIGHBUL DATA	x		x		PCH DATA RANDLIKG EQUIFNEHT	PCH DATA HANDLING EQUIPMENT	READINESS TEST PROCEDURE	READINESS TEST PROCEDURE	POPIE	RONE	ASAKE	MINE	MORE		x				TRN
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REQUIRE	FUNCTIONAL-FLOW DWG.	_AL	RÖC LOC	ESS ATION B	DEVICE IDE	NTIFICATION	СОИТ	TROL.	PERS	ONNEL	TRADEOFFS	DEVEL REQU	OPMENT JIRED		RIFIC. NETHO			GRAPH	NOS.	RESP.
ALLOCA' SHEET	TION "	HARDWARE 3	П		MANUAL A	В	А	В	Α	В		A	В	N. A.	INSPECTION ANAL. DATA	DEMONST. TEST	GDHS SPEC. NGPF SUBSYSTEM D-13800.	SOFTWARE SPEC.	PERSONNEL SPEC.	
NUMBER 31 1	SENIONIT SINITATIO S/C. TELEMETRY AND DES DISTIM. TAPE PROVICE A DISTIAL TAPE PROM DEC UNION DISTARIS  DES DISTAR  NOUS DESPITA  AN AVIL DOWN SAME THE PROBLES AS VIDEO TAPES	х			OCC COMPUTER		READTNESS TEST PROCEDURES				KOHÉ	, MOKE						СВП		184
31 2	VEHITY FOR READINESS VEHITY THAT PROVIDENCE INTERNACE AND POR ARE READY BY SHENING. FOR LITERACY EST PRODUCE.	x x			PRECISION FILE		READLNESS TEST PROCEDURES				₩Ĉ⋊E	NC#E					33113	15 TBD		158
31 3	YEARY THAT ELEMENT CONVERSION SYSTEM READINESS VERTY THAT THE IMPAC CONVERSION SYSTEM IS OPERATIONAL BY REMINED TEST PROGREMS	хх			LBR, BULK LINE CONTROL UNIT, HOT LRR, TAPE TO FILH CONTROL UNIT, TECHNICIAN		READINESS TEST PROCEDURES				TOTAL DIAENOSTIC VERSUS INTERFACE TEST PROCEAUS	SOFTWARE					33113 33113 33113 33113	2 3		IEN
31 4	ATTER STIMEATED ROV TAPE A TEST SET OF THOSES IS PROVIDED IN VINCO TAPE FORT. THESE SHALL EST PROSES WITH MOON DISTORTING. THE SET OF THOSES WILL DIVISE 2 COUNTS OF THOSES OFFER OF S WITH COMPERINDINGS CALIBRATION DATA	х		.	YTR		NEADINESS TEST PROCEDURES				TEST PATTERHS (IMAGES)+ VERSES SIGNAL GENERATOR	NDNS					GFE			IBA
31 5	GENERATE SINGLATER HSS TAYE SAVE AS HOW AND FOR SAME TIME PERHODS	x			YTR		READINESS TEST PROCEDURES				TEST PATTERNS (IMAGES) VERSUS SIGNAL GEMERATOR	NONE					GFE			JEN
31.6	PROPOSE SUPLANED USER NEOLEST.  PROVIDE A USER ROQUEST FOR PRECISION PROCESSING OF A SUBSET OF THE IMPRES ON THE TEST TAPES.		r		USER REQUEST Form		PERDINESS TEST PROCEDURES				MonE	KDME							342]	184
31 7	GENERATE STHULATED PREDICTIVE EFFERRELS TAPES PROVIDE A PREDICTED EFFERRELS TAPE WHICH CONTAINS GREATAL BATA FOR THE PERSONS OF THE RBW AND HSS TAPES	×			ORBIT DETERMINA- TION SOFTWARE		READINESS TEST PROCEDURES				POYE	NONE						TSO		FEH
31 B	CEREATE STRUCKTED SEPTICED EPISOCETS TAPE PROVIDE A STRUCKTED DEMORAGE TAPE MITCH AS IMPROVED GRATTAL PROVIDENCE TO BE USED FOR PROCESSION PROCESSION	x			GRBIT DSTERMINA- TION SUFTWARE		READLIESS TEST Procedures				3095	HONE						тел		154
31 9	GENERATE SIMPLATED DATA BASE.  PROVIDE A DATA CASE WATER CONTAINS SIMPLATED INDEX/ASSIRACT FILE, DIS FILE, LIBRARY INCO., STO	x	x		IMPORMATION SYSTÉM ANALYST & COMPUTER	:	READINESS TEST PROCEDURES				erokE	Энся						TBO	3 4 2 p)	) 18H
31 10	PERFORM BALK MEDS 11 REF CREATION  PROCESS THE STHEATED VIEW DRAWTS THOOLKE THE RULE MODE 11 ARROTTOTION  ARROTTOTION	x x			COMPUTER, ECS		READINESS TEST PROCEDURES				PPR YERSUS ALL-DIBITAL	PPR					33112	   CP-14000		IBH/LTEX
31 17	PERFORM BULE MODE IT ISS OPERATION PROCESS STRUCTURE TO SEND THRUTS THROUGH BULE MODE IT MODEROUS AUG SETTIMES TO REMERATE PROCESSED THROES AND ARTHALTICAL	y x			COMPUTER, ICS		REAUTHESS TEST PROCEDURES				PPR VERSUS ALL-USGITAL	P72					33112	2 1 a) CP-14000		IBM/ITTEK
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RE QUIRE	FUNCTIONAL FLOW DWG.	PROCESS ALLOCATION A B	DEVICE IDENTIFICATION	CONTROL	PERSONNEL	TRADEOFFS	DEVELOPMENT REQUIRED	VERIFICATION METHOD(S)	PARAGRAPH NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	TION NO.	HARDWARE SOFTWARE MANUAL HARDWARE COFTWARE COFTWARE COMMINITY	A B	A B	A B		A B	N.A. INSPECTION ANAL DATA DEMONST. TEST	GDHS SPEC. INF SUBSTEM E-1889 SOFTWARE SPEC PERSONNEL SPEC.	
3) 12	PERTIND PERCENSION HOW I PHOCESSING. A SURET OF THE BANKET TEST TUPE WILL BE PROCESSED ACCORDING TO SHALLED USER PROYESTS.	x z	NDFF COMPUTER, ICS, LBR	READINESS TEST PROCEDURES		NOHE	RONE	1 1 1 1 1	51121b} CP-14000	1091
21 13	PERTORN PCH AND DOS PROCESSING THE SIMPLATED BAY THE DESCRIPTION OF SOATA ARE PROCESSED IN THE COMPUTES. THE SEM DATE IS ROMED TO THE OLD MASTER BROTTAL DATA THE AND THE AMBILITATION DATA IS RESIDENTED FOR MIST BUT AND PRESCRIPTION OF SOATA SHEETING STATE BUT AND PRESCRIPTION OF SOATA SHEETING STATE  OF THE STATE OF	x x	HEPF COMPUTER	DEADLHESS TEST PPACEDURES		NGASE.	NO NE		3 1 2 4 CP-12000	1154
31 14	POPPOSE INFORMATION MUNICIPIENT FUNCTIONS  USE SIMULATED USER ROQUESTS AND SIMULATED WITH TAPE FOR EXERCISE AND TEST OF INFORMATION AND SIMULATED WITH TAPE FOR EXERCISE	x x	KPOF OCHPUTËR	THEADLNESS TEST PROCESSURES		NONSE	HOUNE		3 1 2 4 CP-13000	Iak
31 15	VERTEX FOR ARRIVE THEE THE DOS INVESTS ARE READ FROM THE HOT AND COMPARED ROTE REPEABLICE HARGES TO VERTEX THEY FARE RECORDED PROPERTY OR THE HIRSH DESISTE THE	xx	NEF COMPUTER.	READINESS TEST PROCEDURES		BROK	HONE		3 3 1 1 3 2 1 Teb	IBX
21 16	FILM DECCEON BRE I IMMEES.  THE SHILL PROCESSION BREY IMMEES ARE HIM THROUGH THE TAPE TO FILM CONTROL UNIT TO HIS LOW	x	TCS, LDR	6EADINESS TEST PROCEDURES		RONE	NONE		3311321	184
31 17	<u>YILH RECORD ASS IMAGES</u> SAME AS 31 16 FIRE NSS INAGES	х	TAPE TO FILM CON- TPDL URIT AND LER	READINESS TEST PROCEBURES		NDME	NOME.		3311313	IEM
ST 18	<u>VERIFY HSS AROUNCE TAPE</u> SAME AS 31 15 FOR HSS RAW DITICAL IMMOR	x x	CCHOUTER, NOT	OEADINESS TEST PROCEDURES		MONE	HONE		3124 TBA 3311322	164
31 19	EVALUATE PRINTIUS AND MASTER BIGITAL TAPE THE CUTPUTS OF THE TLM PROCESSING SUFFICES FUNCTION ARE EVALUATED FOR CORNOLY AND COMPLETIONS. THE SHEARING TRUES AND CONFAMED AGAINST REPERSING TAME "PAILITURES ARE CONFAMED TO STANKED."	x x	NOPF CENZUTER	READINESS TEST PROCEDURES		SOCKE.	экс		3124 (89 3420)	) 13H
31 2G	FILM RECORD PRECISION INVICES  THE PRECISION PROCESSED EMBRES ARE TAKEN DEF-LEWE TO THE LER AND RECORDED	x	HDT, ICS. LBR	MEAUTHESS TEST PROCEDURES		MONTE	K2NE		3371322	MBI
31 21	GREENTE COPPUTER COMPATILLE DIGITAL TRPE DERENTE SES, 600 OR 1600 BPI COMPATIBLE DIGITAL TRPE FROM INVACE DATA TOR USERS	x x	NDPF COMPUTER	READINESS TEST PROCEDURES		NOME	NOKE		3 1 2 4 760	IBM
31 22	GENERALE INTOWNITUM HEAVEMENT PRODUCTS  GENERALE LISTINGS, TREES, DISPLAY OUTPUTS TO SUPPORT INFORMATION RAWASSERY OPERATIONS	x x	ыхор сомритея	READURES TEST PROCEDURES		WONE	WORE		3 1 2 4 CP-13000	
					<u> </u>				PAGE NUMBER	R 37

REQUIRE	EMENTS	FUNCTIONAL FLOW DWG.	1 A		SS TION B	DEVICE IDEN	NTIFICATION	CONT	TROL.	PERS	ONNEL	TRADEOFFS	DEVELO REQU	OPMENT JIRED	VERI ME	FICATION THOO (S)	ON F	PARAG	RAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	TION	TITLE TEST NOF SECRET REMORESS (CONTINUED)  GSFC, SPEC, PAR NO.  FUNCTION REQUIREMENTS	HARDWARE SOFTWARE	MANUAL	SOFTWARE	A	В	A	В	A	В		A	В	N.A. INSPECTION	ANAL. DATA DEMONST.	TEST	GDHS SPEC, appr suggested b-13800	SOFTWARE SPEC	PERSONNEL SPEC.	,
31 23	VERIFY BOV IMA THE BULK RE ANNOTATION,	DE QUILITY NY PRICES HAE CHECKED FOR QUALITY AND CONTENT (1 c TICK MARKS, GRAY SCALE, ETC )				LER TECHNICIAN		READINESS TEST PROCEDURES				190AE	KONE						,	3423):	IEN
3] 24	YERIFY MSS 1M SAME AS 31	AGE COMULTY 23 FOR MISS INVASES				LER TECHNICIAN		READINESS TEST PROCEDURES				моче	NUNE	- ,				,	:	3 4 2 1)	IBH
33 25	VERIFY PRECISE THE PRECISE CONTENT (1	OM PROCESSED HAGES APE CHECKED FOR CUBLITY AND  e AMMOTATION, TICK NOARTS, GREY SCALE, ETC )			:	LBR TECHNICIAN		READINESS TEST PROCEDURES				BANE	NONE						:	3 4 8 1)	Ibk
31 26	VERIFY CONPUTE CHECK BIGIT PE CORDED	<del>ir conpattrije digital tapes</del> Al tapes to verify that indic bata is properly	x			NOPE COMPUTER		REAVANESS TEST Procedures	:			MONA E	MONE		-		3		189		ESM
31 27	VEREFY INFORMA CHECK INFOR DISPLAYS) T	NION MAMAGHENT DATA MATTEM MAMAGHENT PADOUTS (e.g. LISTINGS, TAPES, D JSKERMALN THAT DATA IS PAUPERLY MEDIZBED/DISPLATED	x	,		NOPF COMPUTER		RSADINESS TEST PROCEEURES				- MONE	NO NE				3	3124	тер :	3420)	IBM
31 28	EVALUATE DATA THE UPDAYED TO VERSEY A	<u>EASE</u> ) DAYS BASE IS COMMANDED ABALINST REFERENCE DATA BASE (CONSATE AND COMPLETE UPDATING	x			KOPF COHPUTER		READINESS TEST PROCEDURES				KONE	KONE				3	124	78D :	3 4 2 0]	384
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ALLOCA SHEET FUNCTION NUMBER	TITLE TEST 6006 REMOINESS  GSFC. SPEC PAR. NO.  FUNCTION REQUIREMENTS	HARDWARE SOFTWARE	MANUAL	SOFTWARE I	WANUAL A	В	A	В	A	В		A	В	N.A. INSPECTION	ANAL, DATA DEMONST.	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC.	
32.1	METER COPATIBILITY OF STANDAY/SEPVINTE STATIONS WITH SAC SHMALTER WEITER THE CEPABLITY OF THE STANDAY/SEPVINTES STATIONS TO SECSIVE, FRENESS, PECKEN, VIEW AND TRANSHIT DATA MERICING. THE SAC SHMALATION THE SAT SHAME AND WEITER PROPRIED OF THE FOLLOWING EMPICIONS BETWEEN THE SAC SHMALARIN THE STATIONS  1) RECEIVE, RECORD OF HARLYZE REF ALD HAS SHOWLS 2) RECEIVE, RECORD OF HARLYZE REF ALD HAS STOWLS TO GOILS (HTTP) 3) RECEIVE, RECORD OF SAT SHOWLER FOR AND HAS STOWLS TO GOILS (HTTP) 3) RECEIVE AND RECORD OF SAY ROUTER FOR THE CAUS (HTTP) 5) RECEIVE WITH TRANSHIT RES FOR JUST TO THE CAUS (HTTP) 5) RECEIVE WITH TRANSHIT RES FOR JUST TO THE CAUS (HTTP) 5) COUNTY FOR SAY OF THE SAME CONTROL OF THE SAME	X			S.F.S.MILATOR S.FR.MILATOR S.FR.MILTER STALLING		OPERATING AND HAUMTENNOE PLASS, PESSONNEL AND COME FACILITY		MORE		LOGATION OF SAY STRUMMON, GORESERVI TURKSYIN STATION, VIVO	399KE			x	SPACE- COUNTS SHELL TO SPEC	A Company of the comp		TTSV
3 <u>8</u> 2	VESTOY COMPATIBILITY OF STANDAY OF SHARITY MITH THE SHAS.  VESTOY THAT HAVE TREASMETTED DEED RESERVE FROM THE HEBBYT STATIONS IS COMPATITED WITH PROPER POSSITION OF THE SEAL THE MAIN EXPOSITION OF THE SEAL THE MAIN EXPOSITED HEBBYT OF THE GROSS, INCLUDING VITED FROM NITTE MERITY DEPOSITIONS, WHILE SERVED HEBBYT STATIONS AS WELL AS OFFICE STATIONS AS WELL AS	××	x		ALL STADMA/HTTE/ HISTATURSCOR, MISCONICA- TION & CATA LIEN EQUIPMENT	×	NASCEN SMITCHING EQUIPMENT FOR DATA LIMIS AND SCOM SMITCHING EQUIP- HERT FOR VOICE LINK		variale Procedure		MANUAL SALTON OF BOTA 11MS VERSUS COMPUTER CONTROL	NOME }			x	SPACE- CRAFT STRULATO SPEC	CP-3013		WALL
32.3	JOHONSTRATE CAPABILITY OF SORS TO PARVICE USER DATA. THE TRILLENING PHALL BE PRODUCED AND THE PRACTICE TIME AND ACCURACY WARTERS  1) DOS DATA. ON WHILEUS FORMATS  2) REV AND AND INVOCENT	xx	×		OCC & NABER PROTO REPRODUCTION COVER MENT AND LINE PRINTERS	-	AUTOMETIC PAID		variagle Procedure		NAME.	RONE			x	SPACE- CRAFT STHILLATO SPEC	R		TRW/159/ ITEK
32 4	OPMONSTRATE CAMBILITY OF EDIS TO \$1027 AND HONGLE ALL DATA OPROSTRATE OF PRESENT THE MINIODUCKY TOR PREVIOUNG THE FRACTIONS 1) FILE, STORE AND RESONDE (TAPES, PHOTOS AND DATA 2) UTILIZE TWO FILE TO DEMONSTRATE PAGENT MAXINES CONSELETY (CANCILICATY OR FUTUAL PREPROMESCE) 3) LONGING AND CATALOGING TECHNIQUES	x x	χ		OPERATIONS INAMULA OPERATION FER- SONNEL, OWNER STUBIEST		AMFONNTIE AND MARIMA		vadi pele Pactedure		KONE	k3/fi6			x	SPACE- CAFT SIMULATO SPEC	c		TROVIBA/ LTEK

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ALLOCA SHEET FUNCTION NUMBER		TITLE TEST CONS BEADINESS (CONTINUED)  GSFC SPEC. PAR. NO  FUNCTION REQUIREMENTS	HARDWARE SOFTWARE	MANUAL	SOFTWARE	A A	В	A	В	A	В		A	В	N.A.	ANAL DATA	TEST	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC	
22.5	ODMONSTRATE ME DEMONSTRATE ( INCLUDING FAI PRESENT FOR /	OF MANAGEMIKE CAMASILITY OR POSESBIT METRODOGOO'F FOR MAINTAINING THE ROPE EQUIPMENT AT TSULVIOUS SPANIE ARE RETEST FOR CREATIONAL REAGINESS PROPORTING FOR STREET FOR THE TRANSPORTERS.	x X	X		MAINTENANCE PLAN, OPERATION PER- SORREL, MID TEST SQUIPMENT		AUTOMATIÇ AND Handimi.		OPEN SAU DECISION MAXING		)KOBT	NOANE			X		i			TOW/ LEW/ Itek
32 6	DEMONSTRATE OCC DEMONSTRATE OF THICLUSTRAS FAL PRESENT FOR A	. WANTEMAKE CAPABILITY  IR PRESENT MEMBROICON FOR MAINTAINING THE COC EQUIPMENT ILT ISOLATION, METALE, MON RETEST FOR OPERATIONAL PRACHESS PROVISIONING JOB STRANG TROUBLESS PROVISIONING JOB STRANG TROUBLESS	x x	x		MAINTENANCE PLAN, OPERATING PER- SOURCE, AND TEST EQUIPMENT		AUTOMATIC AND MATERIAL		OPEN END 92CLSCON MAXING		nané	NONE	-		×				1	TRN
32.7	DEMONSTRATE GOM DEMONSTRATE O INCLUSING MAN FACILITIES, O	RE FEGULITIES CROMSTUTIES  OR PRESENT AFTERNALISMES FOR MAINTAINING THE SIME EXCLLITY HITORING FACILITY STATUS, PESSONUEL FACILITIES, LARCHANDRY OFFICE FACILITIES, AND MEZITH AND SUFETY MESIGN	x x	x		OPERATING ASD MINITERINE PLAIS, PERSONNEL SAU GONS FACILITY		AUTOPATIC AND PARTAL		OPEN END DECISION MASSING		ижс	MARE		. ;	x					TRM
32 \$	SUPPORY LACKICH I	OFERNIONS AND PROVIDE CONS CRM FRR ON DATE	x x	x		OPERATING AND MAINTHEWNE PLANS PERSONNEL AND GOMES FACILITY						NSME -	HOKE			, x					TPN
32 9	GODARD ACCEPTA	HOTE OF COLS														X			:	:	TRNYFASA
			Total Age of the second																100		

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331	LOG IN MIGEOMAD <u>Tares</u> Prinstically receive mise and Gardam dabo data		×		DATA CLERK		MAIL ROOM PROCEDURES		Fixeu precedenc		SONE	NONE		ż					3 4 2 k)	ISH
33 8	SUBIL DRV. AND DESTIFIES PREPARE TAPES FOR TASKS 18 O, 20 D		X		DATA CLERK		OPERATIONS CON- 720E PROCEOURES		FIXES FROCTOURC		NORE	TAPE EMERTI- FICATION PRINCE DURES		X					3 4 2 K	Meli
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REQUIRE	EMENTS .	FUNCTIONAL FLOW DWG.		PROC	CESS ATIC	IN 3	DEVICE IDEN	NTIFICATION	CON	TROL	PERS	ONNEL	TRADEORFS	DEVELOPMENT REQUIRED		VERIFICATIO METHOD(S)			PARAGRAPH NO		NOS.	RESP.
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, 341	LOS IN DETERMINE RETR ACTION TO USE OR TO DEVELOP	IEWAL AND OUTPUT REQUIREMENT SELECT COURSE OF EDOTE PROJESSING, STANDARD APPLICATION PROGRAMS, SEA APPLICATION PROGRAM		x		x	DATA AMALYST	DATA AMALYST	USER'S MANUAL OF STANDARD OUTPUTS CAT- ALGO OF DATA FILE CONTENTS	USER'S MANUAL OF STARDARD QUERIES AND OUTPUTS CAT- ALGO OF BAT FILE CONTERTS	OPEN END DECESTOR MAKENG		NORE	MARIENIS BATA CYLHILOS	HARICALS DATA CATALOG	,					3 4 2r}	194
34.2	<u>PREPARE FALE QUER</u> PREPARE TAPUTS FOI PRODUCTION CONTROL	[   STANDARD APPLICATION SHRWIT NOW REQUEST TO   (REFER TO 17 A)	×	x	x	Х	CASO KEYPUNCR BATA ABALYST	CARD XEYPISICH BRTA AMALYST	USER'S APPLICATION MANNAL	user's Admica- tion manul	YARJAMLE PROCEMBRE	,	NAME E	Maranis.	MANUALS	7			ODHHERCLAI OR GFE		3 4 2r)	IB <b>N</b>
34 3	<u>Şerron data files</u> Psiform retrlet	<u>for liponalion</u> sa. And diffut of data			x		IMP AND APPLICA- TIONS SOFTMARE	IMP AND APPLICA- TIONS SOFTMARE	APPLICATIONS LIDBARY	APPLICATIONS LTBXARY			NORE	APPLICATIONS PROGRAMS THP SOFTMARE	APPLICATIONS PROGRAS INP SOFTWARE	X				CP-13013		IBH
34 4	LOG OUT RESULTS RESULTS RESIDENT LOGAL TEANUAL PRODUCT	AND PUPPER CONDECTIVE ACTIONS AS NECESSAY EQUEST ON DELIVER VALID RESULTS TO USER TON CONTROL	х	x	x	x	CARD KEYPUNCH DATA ARALIST	CARD KEYPINCK Data Aralyst	EFFICE MESSAGE Markial	EEROOR MESSINGE MAKUMI.	YARTABLE Paixeonge		NOVE	HANNALS	XAMALS	x			GORRENCIAL OR GPE		3 4 2r)	164
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REQUIRI	EMENTS	FUNCTIONAL FLOW DWG.	P ALI		SS TION B	DEVICE IDE	NTIFICATION	CON	TROL	PERS	ONNEL	TRADEOFFS	DEVELO REQU	OPMENT JIRED	VERI ME	FICATI	ON PAR	AGRAPH	NOS.	RESP.
ALLOCA SHEET FUNCTION NUMBER	CSFC. SPEC. PAR NO. (7 14 2 2)		HARDWARE SOFTWARE	MANUAL	SOFTWARE	A A	В	A	В	A	В		A	В	Ī	ANAL. DATA DEMONST.	ن	SOFTWARE SPEC.	PERSONNEL SPEC.	
35 1	PREPARE SCENARIO EEVELOP A DESCR FOR A TYPICAL S	IPTION OF SIMULATED OFFRATIONAL ACTIVITIES/REQUESTS ARELLITE CONTACT		x		X IESSTON PLANNING PERSONNEL	MISSION PLAMMINS PERSONNEL	esc operations streetor	GCC OPERATIONS DIRECTOR	OPEN END DECISION HAXING	OPER END DECISION MAKING	SOPHISTICATION OF SHOULATION SOPTIMARE			¥					Tfir
35 2		D <u>idito</u> spacedraft co <del>culous</del> Canft activities and user requests into a commad list	, x	<b>x</b>	х	SC/PL OTILIZATION SCHEOULING FUNCTION	GROUND SCHEDULING TENCTION SC/PL STILIZATION SCHESSIERS FUNCTION COGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	MISSION PLONEING, POORNE, MED SATCLLITE 02504TIONS 05RSONNEL	MISSION PLANTING, SEQUING, AMO SATELLITE DEPARTORS PERSONNEL	OPEN END DECISION MAKENS	OPEN CAD BEGISTON MAXIMS				x			CP-2000 CP-3000		TRM
35 3		SPACEORAFT SIGNALS EG SATELLITE NOVSEKEEPING, AND 9CS, SIGNAL CAPABILITY	x	X	ť	DEPARTION RAMONAL  X SPACECRAFT STRUCKTION EQUIPMENT	OPERATION HANGEL SPACECRAFT SIMULATION EQUIPHENT	HARDMARE YECHNICLAM	NARDWARE Technician	VARIASEE PROCEDURE	VAR LASE E PROCEBURE				x		SPACE- CRAFT SIMILAT SPEC	DRI		TEN
35 4	TRANSHIT SPACECRAI TRANSHIT COMMAN	FF COMPANIES D LIST TO THE STADAN/HSF# STATION	x x		¢	X TIPANSHISSION EQUIPMENT COMMAND GENERATION	OPERATION MANUAL	GRÖUND OP EACHTONS PEASMAEL	gedung Der Rättichs Per Sorbigt	VASLABLE PROCEENSE :	VARIABLE PROCESURE					x	SPACE- CRAFT STHILLAT SPEC	CP-3014 OR		TPW
35 5		SS SIBLATED SPACECEMET POM  ESS SMALL INCLUSE THE FOLICHING DATA HUMBLING BATA DESLIVES AND FERTIMEBAL DEVICES  OF HUMBLINGEREPHING FOR	xx	x	<b>.</b> x	PCM PCK TH PROCESSING FUNCTION SENSOR & DCS EVALUATION FUNCTION	PICK THA PROCESSING FUNCTION SENSOR & DES EVALUATION FUNCTION	OCC SOFTHARE	осс застичне	VARIABLE PROCEDURE	YARIASLE PROCESSIRE					x	SPACE- CRAFT SEMILAT SPEC	Co-2690		TRIF
35 6	EVALUATS OVERATION EVALUATE DEC SU			x		X GRZINO, SATELLITE OPERATIONS PERSONNEL	GROUND, SATELL ITE OPERATIONS PERSONNEL	oce Operations Director	CEC OFERATIONS DIRECTOR	OPEN ENO UECISION HAKING	OPEN EAD DECESSOR MPAKTING				i	*				TEN

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ALLOCA SHEET FUNCTION	TION	NO.   26 0	HARDWARE SOFTWARE >>			A	В	A	, в	А	В		A	В	N.A.	ANAL, DATA	DEMONST. TEST	GDHS SPEC.	SOFTWARE SPEC.	PERSONNEL SPEC.	
NUMBER	PREPARE PERIO	PAC OPERATIONS ACTIVITIES DDIC ACTIVITIES BASED CH CURRENT OPERATIONAL STATUS		x	,	OCC OPERATIONS DIRECTOR	OCC OPERATIONS DIRECTOR			UPEN END DECISION MAKING	OPEN END DECISION MARING				х					ı	TEN
<b>35</b> 2	IDENTIFY SPEC DEFINE UNITY TEST PERIOD	I <u>ni. Rejoures</u> De redouress vest requirements (3f any) for each		x	<b>,</b>	OCC OPERATIONS DIRECTOR	OCC OPERATIONS DIRECTOR	PROCEDURES Marinal	PHOCEDURES Martual	OPEN END DECISION PARING	OPEN END BEGISTON MAKEING				х						TICH
36 3		MOMAGE, SUFTMARE AND PERSONAL BLANTHESS ATTHE CONTROLLED THE ELIST TRANSHIT AND POWERSS TEST AND THE CONTROLLED THE ELIST TO THE THE THE TO THE PERSONAL THE THE THE TO THE THE THE TO THE THE THE THE THE THE THE THE THE T		x	,	OCC OPERATIONS PERSONNEL	OCC (FERATIONS PERSONNEL			OPEH END DECISION MAKTING	OPEN EMO DECISION PAKING						x				TPH
35 4	VERIFY READIN VERIFY COMM DATA SHO CO VERIFY READ READINESS TO	ISSS OF ORGANITORIA. INFERFACES  DEFORMED LINES WITH IMPUTE STATIONS  THE ORGANIZATION OF PERFECTIONS  DESCRIPTION OF PERFECTIONS  OF ACCEPT MAINLE BATA INPUT  OF ACCEPT MAINLE BATA INPUT		x	x	OCC OFFENTIONS PERSONNEL	DCC DPERATIONS PERSONNEL			WARIASLE PROCESSINE	WARIABLE PROCECURE						x				TRM
36 5		TITISBUCT PROCEDURES IF RECOURED PENTITIONS FOR FACILT ISOLATION AND COMPONENT REPAIR		x	,	GCC OPERATIONS PERSONNEL	OCC OPERATIONS PERSONNEL	PROCEDURES HANUML	PROCEDURES HARIJAL	OPEN END DECISION MAXIMS	OPEN ENDO DSCISTOM AMOZING						x				TREE
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